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<130> 2558321/TDO

<140> 10/800,322

<141> 2004-06-12

<150> US 60/322228

<151> 2001-09-14

<160> 338

<170> PatentIn version 3.0

<210> 1

<211> 289

<212> DNA

<213> mammalian

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<223> "n" is an unknown nucleotide

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<211> 1584

<212> DNA

<213> mammalian

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<400> 3

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<222> ()..()
<223> "n" is an unknown nucleotide

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<223> "n" is an unknown nucleotide

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 <223> "n" is an unknown nucleotide

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<213> mammalian

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<222> ()..()
<223> "n" is an unknown nucleotide

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<210> 9
 <211> 244
 <212> DNA
 <213> mammalian

<220>
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 <222> ()..()
 <223> "n" is an unknown nucleotide

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<210> 10
 <211> 342
 <212> DNA
 <213> mammalian

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 <223> "n" is an unknown nucleotide

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 <213> mammalian

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<211> 211
<212> DNA
<213> mammalian

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<220>
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<222> ()..()
<223> "n" is an unknown nucleotide

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<400> 12
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agnttnacat gatataanac ttaatnctat gttctggggc tttnatctga ggtgctcang      180
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<210> 13
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<212> DNA
<213> mammalian

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<220>
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<223> "n" is an unknown nucleotide

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taaaaagttt ctggagattc catgtacaga nnanttatga atatacaatg taagtagaaa      180

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atgaatccat ttaactatct ataaaactac tatctcctaa cccccctctg 230

<210> 14
<211> 875
<212> DNA
<213> mammalian

<400> 14
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<211> 421
<212> DNA
<213> mammalian

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<222> ()..()
<223> "n" is an unknown nucleotide

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 <211> 290
 <212> DNA
 <213> mammalian

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<210> 17
 <211> 620
 <212> DNA
 <213> mammalian

<400> 17	
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<213> mammalian

<400> 18

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<211> 641

<212> DNA

<213> mammalian

<400> 19

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<212> DNA

<213> mammalian

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 <213> mammalian

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ttgygatgac tttttaatag acacttacca agaaagaatc tagtacagat gaagctctga	180
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<210> 22
 <211> 245
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 <213> mammalian

<220>
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 <223> "n" is an unknown nucleotide

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aaaattaacc ttttatctag tgacagctag attgtatcac atttgtcatc tatggacact	180
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tgagg 245

<210> 23
 <211> 253
 <212> DNA
 <213> mammalian

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<400> 24
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<210> 25
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<210> 26
<211> 261
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<220>
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<210> 27
<211> 2470
<212> DNA
<213> mammalian

<400> 27
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Lys	Leu	Glu	Thr	Ile	Ile	Leu	Ser	Lys	Leu	Ser	Gln	Glu	Gln	Lys
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Thr	Lys	His	Arg	Ile	Phe	Ser	Leu	Ile	Gly	Gly	Asn			
1265						1270					1275			

<210> 35
 <211> 374
 <212> DNA
 <213> mammalian

 <220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 35	
gtgatttaaat acgactcact atagggcttt ttttttttta ctcatttttaa ataaattnga	60
atgaatttttc ttcctaaaat aatgtagct gatgctggtt ctttcccgca ctttcagaaa	120
caaaatatnc ntntntttta catatcaaaa gngatncta agattaaatc cctttgtaac	180

ctcctggata caaagagtcc tttgngccac agtaggacag caggaccttt attnaattnc	240
tatnctttat ttgncagaat tcaacagctg gtaaaaagac tctaagcagg tatttttagg	300
aagatcttaa aataaggata tattgttttt gaaattccaa caatgaatag actctttttt	360
ggctattttg agcc	374

<210> 36
 <211> 935
 <212> DNA
 <213> mammalian

<400> 36	
tgatataagt ttagccacac tttgatttgg gttcattttt tgttttgttt ttttcaatca	60
tgatattcag aaaaatccag gatccaaaat gtggcgtttt tctaagaatg aaaattatat	120
gtaagctttt aagcatcatg aagaacaatt tatgttcaca ttaagatacg ttctaaaggg	180
ggatggccaa ggggtgacat cttaatcct aaactacctt agctgcatag tggaagagga	240
gagcatgaag caaagaattc caggaaaccc aagaggctga gaattctttt gtctaccata	300
gaattattat ccagactgga atttttgttt gttagaacac cttcagttg caatatgcta	360
atcccacttt acaaagaata taaaagctat attttgaaga cttgagttat ttcagaaaaa	420
actacagccc tttttgtctt acctgccttt tactttcgtg tggatatgtg aagcattggg	480
tcgggaacta gctgtagaac acaactaaaa actcatgtct tttttcacag aataatgtgc	540
cagttttttg tagcaatgat atttctcttg gaagcagaaa tgctttgtac cagagcacct	600
ccaaactgca ttgaggagaa gttccagaac catccccttt ttccattttt atataattta	660
taaagaaaga ttaaagccat gttgactatt ttacagccac tggagttaac taacccttcc	720
ttgtatctgt cttcccagga gagaatgaag caaaacagga atttggtttt cttttgatgt	780
ccagttacac catccattct gttaattttg aaaaaatata ccctcccttt agtttggttg	840
gggatataaa ttattctcag gaagaatata atgaactgta cagttacttt gacctattaa	900
aaaggtgtta ccagcaaaaa aaaaaaaaaa aaaaa	935

<210> 37
 <211> 302
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 37
 tgatttaata cgactcacta tagggccttt ttttttttac tagtcttgct ancggnctgt 60
 caattttgtt gatcttttca aaaanccagg ncctggattc attaatTTTT tgaagggttt 120
 tttnggtctn tatctcctcc agttctgctc tgatcttagt tatttcttgc cttctgctac 180
 cntttngaatt gngttngctc tngcttttct agttctttna atngggangt tagggngtca 240
 attttanatc tttcctgctt tctcttgggg ncattaaggg ctataaattn ccctgtncac 300
 ac 302

<210> 38
 <211> 1200
 <212> DNA
 <213> mammalian

<400> 38
 aagatataaa agctccagaa acgttgactg ggaccactgg agacactgaa gaaggcaggg 60
 gcccttagag tcttggttgc caaacagatt tgcagatcaa ggagaacca ggagtttcaa 120
 agaagcgcta gtaaggctc tgagatcctt gcactagcta catcctcagg gtaggaggaa 180
 gatggcttcc agaagcatgc ggctgctcct attgctgagc tgcttgcca aaacaggagt 240
 cctgggtgat atcatcatga gaccagctg tgctcctgga tggttttacc acaagtccaa 300
 ttgctatggt tacttcagga agctgaggaa ctggctgat gccgagctcg agtgtcagtc 360
 ttacggaaac ggagcccacc tggcatctat cctgagttta aaggaagcca gcaccatagc 420
 agagtacata agtggctatc agagaagcca gccgatatgg attggcctgc acgaccaca 480
 gaagaggcag cagtggcagt ggattgatgg ggccatgtat ctgtacagat cctggctctgg 540
 caagtccatg ggtgggaaca agcactgtgc tgagatgagc tccaataaca actttttaac 600
 ttggagcagc aacgaatgca acaagcgcca acacttctg tgcaagtacc gaccatagag 660
 caagaatcaa gattctgcta actcctgcac agccccgtcc tcttccttcc tgctagcctg 720
 gctaaatctg ctcatattt cagaggggaa acctagcaaa ctaagagtga taagggccct 780
 actacactgg ctttttttagg cttagagaca gaaacttttag cattggcca gtagtggctt 840
 ctagctctaa atgtttgccc cgccatccct ttccacagta tccttcttcc ctccctccct 900
 gtctctggct gtctcgagca gtctagaaga gtgcatctcc agcctatgaa acagctgggt 960
 ctttggccat aagaagtaaa gatttgaaga cagaaggaag aaactcagga gtaagcttct 1020
 agacccttc agcttctaca cccttctgcc ctctctccat tgctgcacc ccacccagc 1080
 cactcaactc ctgcttggtt ttccttggc cataggaagg ttaccagta gaatccttgc 1140

taggttgatg tgggccatac attcctttaa taaaccattg tgtacataag aaaaaaaaaa 1200

<210> 39
 <211> 158
 <212> PRT
 <213> mammalian

<400> 39

Met	Ala	Ser	Arg	Ser	Met	Arg	Leu	Leu	Leu	Leu	Leu	Ser	Cys	Leu	Ala
1				5					10					15	
Lys	Thr	Gly	Val	Leu	Gly	Asp	Ile	Ile	Met	Arg	Pro	Ser	Cys	Ala	Pro
			20					25					30		
Gly	Trp	Phe	Tyr	His	Lys	Ser	Asn	Cys	Tyr	Gly	Tyr	Phe	Arg	Lys	Leu
		35					40					45			
Arg	Asn	Trp	Ser	Asp	Ala	Glu	Leu	Glu	Cys	Gln	Ser	Tyr	Gly	Asn	Gly
	50					55					60				
Ala	His	Leu	Ala	Ser	Ile	Leu	Ser	Leu	Lys	Glu	Ala	Ser	Thr	Ile	Ala
65					70					75					80
Glu	Tyr	Ile	Ser	Gly	Tyr	Gln	Arg	Ser	Gln	Pro	Ile	Trp	Ile	Gly	Leu
				85					90					95	
His	Asp	Pro	Gln	Lys	Arg	Gln	Gln	Trp	Gln	Trp	Ile	Asp	Gly	Ala	Met
			100					105					110		
Tyr	Leu	Tyr	Arg	Ser	Trp	Ser	Gly	Lys	Ser	Met	Gly	Gly	Asn	Lys	His
		115					120					125			
Cys	Ala	Glu	Met	Ser	Ser	Asn	Asn	Asn	Phe	Leu	Thr	Trp	Ser	Ser	Asn
	130					135						140			
Glu	Cys	Asn	Lys	Arg	Gln	His	Phe	Leu	Cys	Lys	Tyr	Arg	Pro		
145					150					155					

<210> 40
 <211> 497
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 40	
tttcacttgt cgcaccaggc gtatttcctc tggaatntaa cgagtgtggc aaggccttca	60
gccacagttc caatctcatc ctccatcagc gcatccactc tggagagaaa ccttatgaat	120
gtaatgagtg cgggaaggcc ttcagccaga gctcggacct caccaagcat cagagaattc	180
acacggggga gaaaccctat gaatgtagtg aatgtnnaaa agctttcaac cgaaactcat	240

acctgatttt gcatcggaga attcacactc gagaaaagcc ctacaagtgc actaagtgtg	300
gcaaggcctt caccgcgagc tccaccctca ctctgcatca cagaatccat gccagagaga	360
gagcctctga gtacagccca gcctcccttg atgcatttgg cgcgttcctg aaaagttgtg	420
tgtaaaggaa gaatttgcca tcaagccatt tccccttttg tttctaaatt atttcanaga	480
tgtgtgctct ggangga	497

<210> 41
 <211> 451
 <212> DNA
 <213> mammalian

<400> 41	
gctcccgaag tgatacggag gttaggatgc tacttgctgc aaacaagccc tactttggcc	60
aacatcctgc ttattttctca aaaaagaggg acagtgaaaa caaaaacgac attgggacat	120
gctgctcaag gtagttatat atacgataag ttgtatatat gatcactggg agcctaccaa	180
agctgtagaa atctaggact gtgctaataca gtatcaaacc aaagatttct atctcttccc	240
gaaagagagg gtatgtgcac cagtctacag ttccaaagga ctgcaacaaa tgtagatggg	300
tctgtcctca tccctgagat cagttctact gaaatggcaa caacaactcc aaatacatct	360
ctcccttctt gaaatcccta aagcactatc gcactcctaa atgcatttct cccaagttag	420
cacttgattg atctgtcttt aatccttcat t	451

<210> 42
 <211> 469
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 42	
cccttcccct cttctctcag ttttggacaa gtgacaaacc attttgcccc ctactcttc	60
ttttttaact gttaaaccac aggaaagcac aaatgaagga aatcctgtgt aaagcattga	120
gaaggaaaga agcctggagc agcctctcct gtccacagcc aggggttagg tctgcaggcc	180
cgtctgcggg ccccatcgag catcaagggg acgcntgtgt gtgcatgcaa gtgaccccga	240
aaacaaccac agccgtcaca tggctctcct gaagttgggg caccctctc tcagcaccaa	300
aatggccccc actccttcgt gtccctccgc tatctccaaa tcggacgttc tttctagctt	360

gagatttttta tttttccaca tctgtagtgc catgaagcga ttctgtcttt gacttccaat	420
ggcaaacctg ggtgatcggg aacaagcacg ttgtaccctt ggctggaca	469

<210> 43
 <211> 1584
 <212> DNA
 <213> mammalian

<400> 43	
cggggagct ctgaggaaca aggtggaagc tcagagcgct ggtctccacc ctggtgcccc	60
tgggctggtg ctggcagtgg gagccgtggc tgtggatgag agacatagac gagagagtga	120
gatggcctgg tttgcctct acctcctgag ccttctctgg gctacagctg ggactagtac	180
ccagaccag agttcatgct ccgttcctc agcacaggag cccttggcca atggaataca	240
agtactcatg gagaactcgg tgacttcac agcctacca aacccagca tctgattgc	300
catgaatctg gccggagcct acaacttgaa ggcccagaag ctctgactt accagctcat	360
gtccagcgac aacaacgac taaccattgg gcacctcggc ctcaccatca tggccctcac	420
ctctcctgc cgagacctg gggataaagt atccattcta caaagacaaa tggagaactg	480
ggcaccttc agcccaacg ctgaagcac agccttctat gggcccagtc tagcgatctt	540
ggcactgtgc cagaagaact ctgaggcgac cttgccgata gccgtccgct ttgccaagac	600
cctgctggcc aactcctct ccttcaatgt agacacagga gcaatggcaa ccttggctct	660
gacctgtatg tacaacaaga tcctgtagg ttccagaggaa gggtacagat ccctgtttgg	720
tcaggacta aaggatattg tggagaaaat cagcatgaag atcaaagata atggcatcat	780
tggagacac tacagtactg gcctcgccat gcaggctctc tctgtaacac ctgagccatc	840
taaaaaggaa tggaactgca agaagactac ggatatgata ctcaatgaga ttaagcaggg	900
gaaattccac aaccccatgt ccattgctca aatcctcct tccctgaaag gcaagacata	960
cctagatgtg cccaggtca cttgtagtcc tgatcatgag gtacaaccaa ctctaccag	1020
caacctggc cctggcccca cctctgcac taacatcact gtcataata ccataaataa	1080
ccagctgagg ggggttgagc tgctcttcaa cgagaccatc aatgttagtg tgaaaagtgg	1140
gtcagtgtta cttgttgtcc tagaggaagc acagcgcaaa aatcctatgt tcaaatttga	1200
aaccacaatg acatcttggg gccttgctgt ctcttctatc aacaatatcg cggaaaatgt	1260
taatcacaag acatactggc agtttcttag tgggtgaaca ctttgaatg aaggggttgc	1320
tgactacata cccttcaacc acgagcacat cacagccaat ttcacacagt actaacgaag	1380
aggtgggttc agcttctatc aaacatctcc aaaggatggg tgaaatTTTT tccacttcat	1440

tttaaactcta tgcaaaaaag cgaatgcttg tgatgctacc atattcctgg taaaaacatg 1500
gagaaccact atgtagaata aaaatgcaaa gttcactgga gtctcaacat ctatgactca 1560
tgaaaataaaa attttcatct tctc 1584

<210> 44
<211> 417
<212> PRT
<213> mammalian

<400> 44

Met	Ala	Trp	Phe	Ala	Leu	Tyr	Leu	Leu	Ser	Leu	Leu	Trp	Ala	Thr	Ala	1	5	10	15
Gly	Thr	Ser	Thr	Gln	Thr	Gln	Ser	Ser	Cys	Ser	Val	Pro	Ser	Ala	Gln	20	25	30	
Glu	Pro	Leu	Val	Asn	Gly	Ile	Gln	Val	Leu	Met	Glu	Asn	Ser	Val	Thr	35	40	45	
Ser	Ser	Ala	Tyr	Pro	Asn	Pro	Ser	Ile	Leu	Ile	Ala	Met	Asn	Leu	Ala	50	55	60	
Gly	Ala	Tyr	Asn	Leu	Lys	Ala	Gln	Lys	Leu	Leu	Thr	Tyr	Gln	Leu	Met	65	70	75	80
Ser	Ser	Asp	Asn	Asn	Asp	Leu	Thr	Ile	Gly	His	Leu	Gly	Leu	Thr	Ile	85	90	95	
Met	Ala	Leu	Thr	Ser	Ser	Cys	Arg	Asp	Pro	Gly	Asp	Lys	Val	Ser	Ile	100	105	110	
Leu	Gln	Arg	Gln	Met	Glu	Asn	Trp	Ala	Pro	Ser	Ser	Pro	Asn	Ala	Glu	115	120	125	
Ala	Ser	Ala	Phe	Tyr	Gly	Pro	Ser	Leu	Ala	Ile	Leu	Ala	Leu	Cys	Gln	130	135	140	
Lys	Asn	Ser	Glu	Ala	Thr	Leu	Pro	Ile	Ala	Val	Arg	Phe	Ala	Lys	Thr	145	150	155	160
Leu	Leu	Ala	Asn	Ser	Ser	Pro	Phe	Asn	Val	Asp	Thr	Gly	Ala	Met	Ala	165	170	175	
Thr	Leu	Ala	Leu	Thr	Cys	Met	Tyr	Asn	Lys	Ile	Pro	Val	Gly	Ser	Glu	180	185	190	
Glu	Gly	Tyr	Arg	Ser	Leu	Phe	Gly	Gln	Val	Leu	Lys	Asp	Ile	Val	Glu	195	200	205	
Lys	Ile	Ser	Met	Lys	Ile	Lys	Asp	Asn	Gly	Ile	Ile	Gly	Asp	Ile	Tyr	210	215	220	
Ser	Thr	Gly	Leu	Ala	Met	Gln	Ala	Leu	Ser	Val	Thr	Pro	Glu	Pro	Ser	225	230	235	240

Lys Lys Glu Trp Asn Cys Lys Lys Thr Thr Asp Met Ile Leu Asn Glu
 245 250 255
 Ile Lys Gln Gly Lys Phe His Asn Pro Met Ser Ile Ala Gln Ile Leu
 260 265 270
 Pro Ser Leu Lys Gly Lys Thr Tyr Leu Asp Val Pro Gln Val Thr Cys
 275 280 285
 Ser Pro Asp His Glu Val Gln Pro Thr Leu Pro Ser Asn Pro Gly Pro
 290 295 300
 Gly Pro Thr Ser Ala Ser Asn Ile Thr Val Ile Tyr Thr Ile Asn Asn
 305 310 315 320
 Gln Leu Arg Gly Val Glu Leu Leu Phe Asn Glu Thr Ile Asn Val Ser
 325 330 335
 Val Lys Ser Gly Ser Val Leu Leu Val Val Leu Glu Glu Ala Gln Arg
 340 345 350
 Lys Asn Pro Met Phe Lys Phe Glu Thr Thr Met Thr Ser Trp Gly Leu
 355 360 365
 Val Val Ser Ser Ile Asn Asn Ile Ala Glu Asn Val Asn His Lys Thr
 370 375 380
 Tyr Trp Gln Phe Leu Ser Gly Val Thr Pro Leu Asn Glu Gly Val Ala
 385 390 395 400
 Asp Tyr Ile Pro Phe Asn His Glu His Ile Thr Ala Asn Phe Thr Gln
 405 410 415

Tyr

<210> 45
 <211> 247
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 45
 actgtccccg gggcgagac cctgnactcg gggacttggg atgttcctct tgggtgcata 60
 ttccaactca gattgagccc tacattgtgc tgcacctggt ccatacggag ttgaatcaga 120
 cctggttccc gcctccccca aggctcatgg tccttgagg acccgttgca gggcgaggtc 180
 aagaagagtt ctgacctgga tggeccatag acctgacgtc ccagaatcca tgctttcttc 240
 attttgc 247

<210> 46
 <211> 454
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 46
 ctcttgatat agcaacaaag cctgggcaac ctttgttcct ggattctatt tctcctaaaa 60
 aatcttttaa gactcgaaaa caaaagtctt cttcaaaggc tgaatacaat ttaactgcat 120
 gcaaatgcct cctttgcaag aggaaatata gttcacaaat aatgcttaaa agacatatgc 180
 ntattgtcca caagataact ctttctggaa caaactctaa aagagaaaaa ggccctaata 240
 atactgccaa cagttcagaa ataacagtta aagttgaacc agcagattct gtagaatctt 300
 ccccccttc cattacccat tctccacaga atgaattaaa gggaacaaat cattcaaattg 360
 aaaaaagaa cacaccggca gcacagaaaa ataaagttaa acaagactct gaaagcccta 420
 aatcaactag tccgtcggct gcaggtggcc agca 454

<210> 47
 <211> 382
 <212> DNA
 <213> mammalian

<400> 47
 acacccatgg gaggtcatgc ctgatctgta cttctacaga gatcctgaag agattgaaaa 60
 agaagagcag gctgctgctg agaaggcagt gaccaaggag gaatttcagg gtgaatggac 120
 tgctcccgtc cctgagttca ctgctactca gcctgaggtt gcagactggt ctgaagggtg 180
 acaggtgccc tctgtgcta ttcagcaatt cctacttga agactggagc gctcagcctg 240
 ccacggaaga ctggtctgca gctccactg ctcaggccac tgaatgggta ggagcaacca 300
 ctgactggtc ttaagctgtt cttgcatagg ctcttaagca gcatggaaaa atgggttgat 360
 ggaaaataaa catcagtttc ca 382

<210> 48
 <211> 361
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 48
tggttttgc atgctcntcc ccttttcttc ccttttctctg tgaagcagcc atttttatta 60
nnttcctggt tatcactcat gcatgcatat gtttattgag gatgttgga ttcaagcaaa 120
tatatggggt aacattcttt ttgtcatccc tatacgaaag atataccag tatactctat 180
tggttggtt tttttcctta aaatattcag tagatctctc cagttagcac atagttatct 240
tatagataga acatatacat ataccctttn ttaactatgc tattaataa tagctttcag 300
taccttgata attattttgg gattgaaaaa ctactggaaa tcaactcaat catgtgaaag 360
c 361

<210> 49
<211> 475
<212> DNA
<213> mammalian

<400> 49
acacatctgc tctgctctc tctcctccag cgaccctagc catgagaacc ctcaccatcc 60
tctactgctgt tctcctcgtg gccctccagg ccaaggctga gccactccaa gctgaggatg 120
atccactgca ggcaaaagct tatgaggctg atgccagga gcagcgtggg gcaaagacc 180
aggactttgc cgtctccttt gcagaggatg caagctcaag tcttagagct ttgggctcaa 240
caagggtctt cacttgccat tgcagaaggc cctgttattc aacagaatat tcctatggga 300
cctgcactgt catgggtatt aaccacagat tctgctgcct ctgagggatg agaacagaga 360
gaaatatatt cataatttac tttatgacct agaaggaaac tgcgtgtgt cccatacatt 420
gccatcaact ttgtttctc atctcaaata aagtcctttc agcaaaaaaa aaaaa 475

<210> 50
<211> 100
<212> PRT
<213> mammalian

<400> 50

Met	Arg	Thr	Leu	Thr	Ile	Leu	Thr	Ala	Val	Leu	Leu	Val	Ala	Leu	Gln
1				5					10					15	
Ala	Lys	Ala	Glu	Pro	Leu	Gln	Ala	Glu	Asp	Asp	Pro	Leu	Gln	Ala	Lys
			20					25					30		
Ala	Tyr	Glu	Ala	Asp	Ala	Gln	Glu	Gln	Arg	Gly	Ala	Asn	Asp	Gln	Asp
		35					40					45			
Phe	Ala	Val	Ser	Phe	Ala	Glu	Asp	Ala	Ser	Ser	Ser	Leu	Arg	Ala	Leu
		50				55						60			

Gly Ser Thr Arg Ala Phe Thr Cys His Cys Arg Arg Ser Cys Tyr Ser
65 70 75 80

Thr Glu Tyr Ser Tyr Gly Thr Cys Thr Val Met Gly Ile Asn His Arg
85 90 95

Phe Cys Cys Leu
100

<210> 51
<211> 515
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 51
nggggcccgtg ggcgattnca acagctgatn tttatattttc ttcttgatgc tcttctacag 60
tttccaaatt ctctacaatg aacatgtact tctttttaat atcaaaagac aaaagaattg 120
gtacgtaaaa agaacatcct tcccatcttc aagggtcaaga ttgaacgctg actcctgcag 180
gaagtcttcc aggattccca ggcaggaatg atggctccct gtcctgtag ctccaggagt 240
tcttgcttca cgcacgcctc acataccana ctgaatgttg gcaggaggag tgaccagggtc 300
ggatcatctgt gtccttacca cctacaacag gccagcaatc taccctgttg tgtttgttgg 360
acagaattaa ccatgatggg cggccgaggg cgcttgagac tatttggggg cttggagaga 420
acctcttagg agagtgtcag gctctagggc agtgtcacca gaggaggtca gtctcagttc 480
ttggagtcgt cctgtgtgaa attgttatcc cgcta 515

<210> 52
<211> 340
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 52
ctactttttc cngtaggact tattgcanag ctttgctggt ttgtgaaaat ggatggaaga 60
ctttgtatatt atactgtgat ttgaacaga ttatgcaaca ttggaaggaa ggctgtntct 120
tgatgggttg aaggaactca ncantatgat gatctgggtc caggggaaaa aaatagcttg 180

gttggtgtct agccccccaa cacttttgtg tctgtgtgta taaaagaaga aagactggca	240
tgtaccttca tttgcttagc tatttgagta tctagagaaa aattaaaatg caatgagtta	300
cgcantatac cctggcacac ttaataaatt aaacatttgt	340

<210> 53
 <211> 441
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 53 tcgcaaatnn caacaccnac attatatattc cttctgacac ttggaaggta nccgaaattt	60
ctagaaatgg atccttctca caaagtagag accaagagaa aaactcattg attgggtttt	120
tacttctttc aaggactccn gaaatttcac tttgaactgc cgccaannga gntgttaaga	180
taaccacac tnaaactaaa ggctcnccca taggcttgat nnaaaaatga aggtaanntt	240
ngtangtggg aatcngnnnt gaatnttgat cgtccnnng ccgngnagta ctngnanaa	300
agcggncnat ngggttaangc gccngccccg nnnnanncn cccactgtgc nnttaaccnc	360
ccatnccgn anancgacgc canncgnnt nccaaccnng ngggngggnc ncngcnncg	420
ccgcnngctc ccctacgacc a	441

<210> 54
 <211> 373
 <212> DNA
 <213> mammalian

<220>
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Cys Pro Ala Ala Leu Pro Leu Ser Asn Leu Tyr Glu Thr Leu Gly Val
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145 150 155 160
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Gly Arg Arg Val Leu Thr Asp Glu Leu Lys His Gly Met Thr Leu Thr
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Ser Met Tyr Gln Asn Ser Asn Ile Gln Ile His His Tyr Pro Asn Gly
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Ile Val Thr Val Asn Cys Ala Arg Leu Leu Lys Ala Asp His His Ala
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 465 470 475 480
 Ala His Asp Lys Arg Gly Arg Tyr Gly Thr Leu Phe Thr Met Asp Arg
 485 490 495
 Val Leu Thr Pro Pro Met Gly Thr Val Met Asp Val Leu Lys Gly Asp
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Glu	Arg	Gly	Asp	Glu	Leu	Ala	Asp	Ser	Ala	Leu	Glu	Ile	Phe	Lys	Gln
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<400> 61

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35 40 45
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Lys Asp Gln Asn Thr Pro Val Val His Pro Pro Pro Thr Pro Gly Ser
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Tyr Ser Pro Gln His Pro Asn Lys Gly Leu Tyr Trp Val Ala Pro Leu
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 <213> mammalian

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<210> 67
 <211> 1212
 <212> PRT
 <213> mammalian

<400> 67

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Glu Leu Pro	Gly Thr Ala Val	Pro Ser Val	Pro Glu Asp	Ala Ala Pro								
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Ala Ser Arg	Asp Gly Gly Gly	Val Arg Asp	Glu Gly Pro	Ala Ala Ala								
	50		55	60								
Gly Asp Gly	Leu Gly Arg Pro	Leu Gly Pro	Thr Pro Ser	Gln Ser Arg								
65		70	75	80								
Phe Gln Val	Asp Leu Val Ser	Glu Asn Ala	Gly Arg Ala	Ala Ala Ala								
	85		90	95								
Ala Ala Ala	Ala Ala Ala Ala	Ala Ala Ala	Gly Ala Gly	Ala Gly								
	100		105	110								
Ala Lys Gln	Thr Pro Ala Asp	Gly Glu Ala	Ser Gly Glu	Ser Glu Pro								
	115		120	125								
Ala Lys Gly	Ser Glu Glu Ala	Lys Gly Arg	Phe Arg Val	Asn Phe Val								
	130		135	140								
Asp Pro Ala	Ala Ser Ser Ser	Ala Glu Asp	Ser Leu Ser	Asp Ala Ala								
145		150	155	160								
Gly Val Gly	Val Asp Gly Pro	Asn Val Ser	Phe Gln Asn	Gly Gly Asp								
	165		170	175								
Thr Val Leu	Ser Glu Gly Ser	Ser Leu His	Ser Gly Gly	Gly Gly Gly								
	180		185	190								
Ser Gly His	His Gln His Tyr	Tyr Tyr Asp	Thr His Thr	Asn Thr Tyr								
	195		200	205								
Tyr Leu Arg	Thr Phe Gly His	Asn Thr Met	Asp Ala Val	Pro Arg Ile								
	210		215	220								
Asp His Tyr	Arg His Thr Ala	Ala Ala Gln	Leu Gly Glu	Lys Leu Leu	Arg							
225		230	235	240								
Pro Ser Leu	Ala Glu Leu His	Asp Glu Leu	Glu Lys Glu	Pro Phe Glu								
	245		250	255								
Asp Gly Phe	Ala Asn Gly Glu	Glu Glu Ser	Thr Pro Thr	Arg Asp Ala	Val							
	260		265	270								
Val Thr Tyr	Thr Ala Glu Ser	Lys Gly Val	Val Lys Phe	Gly Trp Ile								
	275		280	285								
Lys Gly Val	Leu Val Arg Cys	Met Leu Asn	Ile Trp Gly	Val Met Leu								
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Phe Ile Arg	Leu Ser Trp Ile	Val Gly Gln	Ala Gly Ile	Gly Leu Ser								
305		310	315	320								

Val	Leu	Val	Ile	Met	Met	Ala	Thr	Val	Val	Thr	Thr	Ile	Thr	Gly	Leu	
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Ser	Thr	Ser	Ala	Ile	Ala	Thr	Asn	Gly	Phe	Val	Arg	Gly	Gly	Gly	Ala	
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Tyr	Tyr	Leu	Ile	Ser	Arg	Ser	Leu	Gly	Pro	Glu	Phe	Gly	Gly	Ala	Ile	
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Val	Gly	Phe	Ala	Glu	Thr	Val	Val	Glu	Leu	Leu	Lys	Glu	His	Ser	Ile	
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Leu	Met	Ile	Asp	Glu	Ile	Asn	Asp	Ile	Arg	Ile	Ile	Gly	Ala	Ile	Thr	
			405						410					415		
Val	Val	Ile	Leu	Leu	Gly	Ile	Ser	Val	Ala	Gly	Met	Glu	Trp	Glu	Ala	
			420					425					430			
Lys	Ala	Gln	Ile	Val	Leu	Leu	Val	Ile	Leu	Leu	Leu	Ala	Ile	Gly	Asp	
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Ala	Ala	Thr	Gly	Ile	Leu	Ala	Gly	Ala	Asn	Ile	Ser	Gly	Asp	Leu	Ala	
			500					505					510			
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Val	Arg	Asp	Ala	Thr	Gly	Asn	Val	Asn	Asp	Thr	Ile	Val	Thr	Glu	Leu	
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			580					585					590			
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Ser	Ala	Thr	Leu	Ser	Ser	Ala	Leu	Ala	Ser	Leu	Val	Ser	Ala	Pro	Lys	
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Leu Thr Phe Leu Ile Ala Leu Gly Phe Ile Leu Ile Ala Glu Leu Asn
660 665 670
Val Ile Ala Pro Ile Ile Ser Asn Phe Phe Leu Ala Ser Tyr Ala Leu
675 680 685
Ile Asn Phe Ser Val Phe His Ala Ser Leu Ala Lys Ser Pro Gly Trp
690 695 700
Arg Pro Ala Phe Lys Tyr Tyr Asn Met Trp Ile Ser Leu Leu Gly Ala
705 710 715 720
Ile Leu Cys Cys Ile Val Met Phe Val Ile Asn Trp Trp Ala Ala Leu
725 730 735
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740 745 750
Lys Pro Asp Val Asn Trp Gly Ser Ser Thr Gln Ala Leu Thr Tyr Leu
755 760 765
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770 775 780
Lys Asn Phe Arg Pro Gln Cys Leu Val Met Thr Gly Ala Pro Asn Ser
785 790 795 800
Arg Pro Ala Leu Leu His Leu Val His Asp Phe Thr Lys Asn Val Gly
805 810 815
Leu Met Ile Cys Gly His Val His Met Gly Pro Arg Arg Gln Ala Met
820 825 830
Lys Glu Met Ser Ile Asp Gln Ala Lys Tyr Gln Arg Trp Leu Ile Lys
835 840 845
Asn Lys Met Lys Ala Phe Tyr Ala Pro Val His Ala Asp Asp Leu Arg
850 855 860
Glu Gly Ala Gln Tyr Leu Met Gln Ala Ala Gly Leu Gly Arg Met Lys
865 870 875 880
Pro Asn Thr Leu Val Leu Gly Phe Lys Lys Asp Trp Leu Gln Ala Asp
885 890 895
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900 905 910
Ile Gln Tyr Gly Val Val Val Ile Arg Leu Lys Glu Gly Leu Asp Ile
915 920 925
Ser His Leu Gln Gly Gln Glu Glu Leu Leu Ser Ser Gln Glu Lys Ser
930 935 940
Pro Gly Thr Lys Asp Val Val Val Ser Val Glu Tyr Ser Lys Lys Ser

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Asp Leu Asp Thr Ser Lys Pro Leu Ser Glu Lys Pro Ile Thr His Lys						
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Val Glu Glu Glu Asp Gly Lys Thr Ala Thr Gln Pro Leu Leu Lys Lys						
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Glu Ser Lys Gly Pro Ile Val Pro Leu Asn Val Ala Asp Gln Lys Leu						
	995		1000			1005
Leu Glu Ala Ser Thr Gln Phe Gln Lys Lys Gln Gly Lys Asn Thr						
	1010		1015			1020
Ile Asp Val Trp Trp Leu Phe Asp Asp Gly Gly Leu Thr Leu Leu						
	1025		1030			1035
Ile Pro Tyr Leu Leu Thr Thr Lys Lys Lys Trp Lys Asp Cys Lys						
	1040		1045			1050
Ile Arg Val Phe Ile Gly Gly Lys Ile Asn Arg Ile Asp His Asp						
	1055		1060			1065
Arg Arg Ala Met Ala Thr Leu Leu Ser Lys Phe Arg Ile Asp Phe						
	1070		1075			1080
Ser Asp Ile Met Val Leu Gly Asp Ile Asn Thr Lys Pro Lys Lys						
	1085		1090			1095
Glu Asn Ile Ile Ala Phe Glu Glu Ile Ile Glu Pro Tyr Arg Leu						
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His Glu Asp Asp Lys Glu Gln Asp Ile Ala Asp Lys Met Lys Glu						
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Asp Glu Pro Trp Arg Ile Thr Asp Asn Glu Leu Glu Leu Tyr Lys						
	1130		1135			1140
Thr Lys Thr Tyr Arg Gln Ile Arg Leu Asn Glu Leu Leu Lys Glu						
	1145		1150			1155
His Ser Ser Thr Ala Asn Ile Ile Val Met Ser Leu Pro Val Ala						
	1160		1165			1170
Arg Lys Gly Ala Val Ser Ser Ala Leu Tyr Met Ala Trp Leu Glu						
	1175		1180			1185
Ala Leu Ser Lys Asp Leu Pro Pro Ile Leu Leu Val Arg Gly Asn						
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His Gln Ser Val Leu Thr Phe Tyr Ser						
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<210> 68
 <211> 441
 <212> DNA
 <213> mammalian

<220>

<221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

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 cattggttnt tttgngnatg ggggantggg agngngctaac ntaggaagaa tnggtgtgat 180
 naccaacaga agaganggga ccntggatnt ttggangtgg gttaangngg aaaaanatgcn 240
 aatgggnaan aggtttggcn anttngantt tnnaanattt tttggtnatn gggaangggg 300
 aacaaacaan ggattttttt tncngagga aaggggattn ngntnacaat nggtgaaaan 360
 ananaaaaaa atgggggnaa aaaaganggg ggaaaggggc ntgggggaaan gnaaatttng 420
 angaataaaa atggggngga t 441

<210> 69
 <211> 258
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 69
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 gcgagtaaaa aggctccagc ccanaaggtt cctgccaga aagccacagg ccagaaagca 120
 gcgcctgctc caaaagctca gaaggggtcaa aaagctccag ccanaaaagc acctgctcca 180
 naggcattctg gcaagaaagc ataagtggca atcataaaaa gtaatanagg ttctttttga 240
 cctgttaaaa aaaaaaaaaa 258

<210> 70
 <211> 240
 <212> DNA
 <213> mammalian

<400> 70
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 aaaaggctcc agcccagaag gttcctgcc agaaagccac aggccagaaa gcagcgctg 120
 ctccaaaagc tcagaagggt caaaaagctc cagcccagaa agcacctgct ccaaaggcat 180
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<210> 71
 <211> 267
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 71
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 agaataagct cttcccttgg aaaaaagcca agtttgactt ctgaatccag cattcatact 120
 attactcctt cagttgttaa cttcactagt ttatttagta ataagccttt tttaaaactg 180
 ggtgcagtat ctgcatcaga caaacacttg ccaagttgct gaaagcctaa gtactagttt 240
 gcagtccaaa ccattaaaaa aaaaaaa 267

<210> 72
 <211> 482
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 72
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 caccatcctt ccaaggtcca ccgtgatcaa catccacagc gagacctccg tgcccgacca 120
 tgtcgtctgg tccctgttca acaccctctt cttgaactgg tgctgtctgg gcttcatagc 180
 attcgcctac tccgtgaagt ctagggacag gaagatggtt ggcgacgtga ccggggccca 240
 ggcctatgcc tccaccgcca agtgacctgaa catctgggce ctgattctgg gcaccccat 300
 gaccattgga ttcacccctgt tactgggtatt cggctctgtg acagtctacc atattatgtt 360
 acagataata caggaaaaac ggggttacta ntagccgcca tagcctgcaa cctttgcact 420
 cactgtgcaa tgctggccct gcacgctggg gctgttgccc tgccccttgg tctgccttag 480
 at 482

<210> 73
 <211> 521
 <212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 73

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gataacaatt tcacacagga cgactccaag ttccatcata ttgagataa aggtttgaac      120
atatgaatth tgcggggaca caaccatgca gttcataaca ttgacatgt cctatcagt      180
ctcacagaac ttgaatcagc ttttttaagt attacttatt tatttagaga tggtaacttg      240
ctatgttgtc cagattggtc tcaaactcct ggactcaagt gatcctccta cctcagcctc      300
ccaagtcact gggattatag acatgaacca cctcatctgg tttcaatcaa cttttttgtt      360
cttaccata aatataaatg gacagcacag gacaaccaga catttgagaa aaaccctagc      420
aagagcaacc aaaaaaaaaa agccctatag ngagtcgata aatcnattcc cgcggccgca      480
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<210> 74

<211> 523

<212> DNA

<213> mammalin

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 74

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ataacaatth cacacaggac gactccaagc accagttccg gtggtacggg ggaataccag      120
tgaaatagtt tggttctccc tgaagcatct gcatattgaa agaacgctth cccactgtg      180
tgtcttctcc cctcctcca gtaaaaacag tcccggctgg gtgctgtggc tcgcgtctgt      240
aatcccagca ctttgggagg ccgaggtggg cggatcacct aaggtcggga gttcgagacc      300
agcctggcca acatggtgga acccgtctc tgctaaaaat acaaaaaaat ttagccgtgc      360
ttggtggcac ctgtgatccc agctacttgg gaggtgagg cgggagaatc gcctgacctg      420
ggaactaagg caggagaatc cctggacctg gaggcaaagg ttgcagtggc caacgnacca      480
ttgnctctac ctggcacaca cnaactccgt ccaaaaaaaaa gcn                          523
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<210> 75
 <211> 534
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 75
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 ctcaagaccc gtttagaggc cccaaggggt taactagtta ctcgagtgcg gccgcaagct 120
 tcagagagct aaattgagtc tatcattatg gcaaagtctg acccaaaatt ttaatttgta 180
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 gccttgttac agtttaatgc acattaacta aaatgtgtac attttttagtg ttcattgataa 300
 atgcagttat gacctatta cacttttggc attctttaag aaagcacatt aagctttaat 360
 ataagaaata tttaggttac acttggtgctc aagtaataat aaaacatttg tcttttttga 420
 tctcatacat tctctctca ggtatggcca tctctgacg cttgagccac cgcttgaatc 480
 ggatcccgac atacacctga ctggaancac gttcatcaa ttccgcgccg cagg 534

<210> 76
 <211> 520
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 76
 ccaagagtgg agcattcttc ccatgattcc cctgacactt ggctgaaagc attttgact 60
 aatttgcttt gtgccggttc agacaatcta aaaagaaagg atggggggac aacaagtgtc 120
 tattacacag aataaacagc ctctggcaaa tgaatacatt ttacacactt gtgcttttgg 180
 agggatgggg tagtgatgag gggaagggga atggaggagg agaagtcaag gattagaggt 240
 ctcttcagca tctcaggact gcctctctct ctctgtggtc acaggggtag gtttggtccc 300
 atggcagaca tgaaactcaa gatcagccct ggcgtatacg gggtgggagg ccagngctgc 360
 ctctggtggt ccccccaacc tgcaattcat attttgaatg gggttaaagcc tcttggaat 420
 acttttatcc tctaataaaa agattgaacn ctttcccttg attatattta aatgttacct 480

atataaatat actgcctgag gggangggta accctcttat 520

<210> 77
 <211> 524
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 77
 ggtggcctcg agcaatctgg aggctgttgg aatatgaata gcggtaacag ctgggggtata 60
 tgagaaaata ttgactccta tctggccttc atcaactgac ctcgaaaagc ctcatgagat 120
 gctttttctt aatgtgattt tgttcagcct cactgttttt accttaattt caactgccca 180
 cacacttgac cgtgcagtca ggagtgactg gcttctcctt gtccctcattt atgcatgttt 240
 ggaggagctg attcctgaac tcatatttaa tctctactgc cagggaaatg ctacattatt 300
 tttctaattg gaagtataat tagagtgatg ttggtagggt agaaaaagag ggagtccttg 360
 atgctttcag gttaatcaga gctatgggtg ctcaggcttg tctttctaag tgacatatct 420
 tatctaattc tcanatcagg gtttgaaacc ttgggggnct tttaaaattt aatccctcnt 480
 tntttnggcc aaatgtccaa aaaaaggcta tatctttccc aatt 524

<210> 78
 <211> 524
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 78
 tttctctttc aggtaggaaa atggaggcta agaaaagtta atttgtccga gggccctctg 60
 atgatagtga aactgggatg gaacctctgc ctgcttgctt ctgaggtctg ggctcctaac 120
 tactgctcta ctgcctcgag ccaagagatt tacgccctat taagcaattt gttgtgccga 180
 taaattggaa gacacagcag ataagcaaac aactcaagca accaggtcag ttctctggagt 240
 ttctgaattg ttgggaccaa ggggccgtgc agaggtaacc acagctggcg tagtgtgggt 300
 gaggtagccc tattagcctt ttagttgctg ttactaattt atttctcagt ggtcaatgaa 360
 ccaattgccca tcaatcactt tgtgtatagg tcatgtccca tggctctgac ccaggttgct 420

gctcagagtt ggcacgtgg ctaaaatatt actagaggtc aaaatatgtg tgtgtttgtg	480
gtgattagtc aagnatctaa agaattgaca acattttggc atat	524

<210> 79
 <211> 198
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 79	
gctgctaaac aactaatgct cctggaggca aaaaccccgg ccaggaaaag gagctggcgg	60
agaacagga acanctggag attttacgtg ccaaagcca agaactcaa acacactcgg	120
atggcaaaat cgcagtgga gttcataaat caattgtgaa tgaattaaaa agccaattac	180
agaaggaaaa aaaaaaaaa	198

<210> 80
 <211> 615
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 80	
cctanggaaa anttttagtg atgtctttgt naaagtcacc nccagaatc taaaaatgct	60
gcgtatagtg gaaccttatg tgacctgggg atttccaaat ctgaagtctg tccgagaact	120
cattttgaaa cgtggacnag ccaaggtcaa naatangacc atccctctga cagacaatac	180
agtgattgan gagcacctgg ggaagtttgg ccgtcatttg cttggaagac ctcattcatg	240
aaattgcctt cccaggggaag catttccagg agatctcatg gttcttgtgc ctttccacc	300
tctcagtggc ccgtcatgct accaaaaata gagtgggctt cctcaaggag atgggcacac	360
ctggctatcg ggggtgaactg catnantcac ctcacccgtc anctnaacta aaccaggtg	420
aggcagggct gaaaactgnc cttgggctga cttttgatag gccatgcctt gccactntac	480
aaagttcttt angcattnac tagtattnaa gaagntncct agannttggg aggaatagag	540
gaggcnggta caatngatng agacctgctg ngatattnaa ngcctgatta ngacatgggg	600

ctctgcatag cccta

615

<210> 81
<211> 252
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 81
catcnattaa tgggcaaaat naccagntna catcatantg acaggatcgt attacatata 60
nnantattaa ccttaaagt aaataggcta antgccnaa ttaaaagaca cagactggca 120
aactggatta agagtcaaga cccatcagtg tgctgaattc aggaaacca tctcacatgc 180
agagacacac acaggctcaa aataaagga tggaggaaga tctaccaagc aaatggaaag 240
caaaaaaaaa aa 252

<210> 82
<211> 522
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 82
atttccctt gagttcacc acanccttn anaggaatgc attacccatg accnatgctg 60
anaccccatg gggntanca cnggacctan gaaagtctc ngcagncaga tagcncatgg 120
tgtcnccaca caactagagc attctggaga ttgccatan agggatgtga ggggaccgtn 180
tanatctntc ttgcttatnt natgcnetca cattccttca gcctcctgga gttcctgata 240
aaangaagcc aggggtgtgga cattttttta ctnttgattn tccannnct tngggatcac 300
ttgtacaccc actctttctt ntntgcctaa ttccgnntct tntggaacaa ntantntgcc 360
catgtatgtn tgtntctctt aacacnggtc natgaaantn tgantnttgg cttgatgtnt 420
gttgcgtygc ctggaaccan ggagcaacac nctggncatn gttctgtgta ncngaaanta 480
tatttatgaa ncntgtgctt atcccantaa ngtcgctgt gt 522

<210> 83
<211> 488

<212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 83
 aagaagagct aactatccta aatatatatg cacccaatac aggagcacc agattcataa 60
 agcaagtcct tagagaccta caaagagact tanactccca cacaataata gtgggagact 120
 ttaacacccc actgtcaaca ttanacagat cancganaca ganagttaac agggatatcc 180
 gngaattgan ctcanctgtg gcaccangcg gacctaatan acatctacag actctccacc 240
 ccaaatacaac agaataataca ttttttttcag caccacanca cactatattc caaaattgac 300
 cacatagtgt ggaagtannng ctctcctcng caangtgtaa agagaacaga attttataac 360
 aaacgtgtct ctcanaccac agtgcaatca anctagaact cnggattaag aaactcactn 420
 aaaaccgtta nttgatggan actgaacacc ctgctctgat gactctgggt cttacgaagn 480
 gaggcaaa 488

<210> 84
 <211> 504
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 84
 ntgagagaag gcatgggatt ttnagcataa attcctgtta tgtgagtgt gtttgagttc 60
 tgaagttcct atcaatatct gttcctgcaa gtgatctctg taagaccct tacatgctgg 120
 tcttagttat tgttaaaatt gcaaggtttc ttcacaccct ctttgataag aagtgtttag 180
 ctggcagagc tttcnttgac ttctgagtct agtgtgggtt ggcccatgac agtggaaga 240
 aatccaacat gttacatgga gaccttgat gtaaacaac tctgtagcct ttgaaagtgg 300
 aactgctttt tacagttaaa gggctgctaa atggcttgca gatgagatct tctggctcac 360
 cttgatcttc acatgaacc attgtgacct atctggattc ctaggacctg tagttccatt 420
 tgggtatatt agtgctcag gaatgtgtnc tactggcaag catctcagaa attncgctgn 480
 aggggtanat anaggaagaa ttag 504

<210> 85
 <211> 225
 <212> DNA
 <213> mammalian

<400> 85
 tgccctgtct ggcagtcagc ttcccagaca gactatagac tataaatatg tctccatctg 60
 ccttaccaag tgttttctta ctacaatgct gaatgactgg aaagaagaac tgatatggct 120
 agttcagcta gctggtacag ataattcaaa actgctgttg gttttaattt tgtaacctgt 180
 ggccctgatct gtaaataaaa cttacatttt tcgaaaaaaaa aaaaa 225

<210> 86
 <211> 247
 <212> DNA
 <213> mammalian

<400> 86
 gtttttagga actaaggtgt ttctctaaac acaaaatggt gggtgaaact gggaacaact 60
 ctcagaagct aattttattg cttaaagga aagtgtggga gccctaccct ctcttttgat 120
 ctgccaagga tttcctctca gagctgttgc acagacagag attgtacttg gtaagatacc 180
 aaacaagaca gatatggatc taaatttcta atgtgttcta tgggtttcaa ttccgaaaaa 240
 aaaaaaa 247

<210> 87
 <211> 231
 <212> DNA
 <213> mammalian

<400> 87
 gctgtacatt gttgcttgag agtctgtaca ttacgtcca gatttgtatt tgcactgtca 60
 gtatggcaaa tgagtgaaaa atgtttaata cactattgga ttttttattt cctttttttg 120
 attcagctta taccgggct gaaaacctca atttatgttc atgacagtgg ggattttttt 180
 aaatgtctac attctttcta ataaactgtt ggaagactta aaaaaaaaaa a 231

<210> 88
 <211> 344
 <212> DNA
 <213> mammalian

<400> 88
 atgcaaggat tgtgagtgc tctggggcct ctattgcaaa ttgttctagg gagaaatttg 60
 cctgtcctgg tatcaagccc tggctggaag ccagagagag gggttacagaa agagattaag 120
 gtgtcagtgc tggaggcaga agaggctatt gggcaatttg tttgcctggg tctaccgcac 180

acctgattta caccagctt gtgaaaacct taccacaggt aaaatgccaa tagttgttct	240
actagagtgg tcaacttttg actgatttat ctctacatt tttcaaacct tatgtaatgt	300
cttgttttta taataaacag ttttggaatg ttataaaaaa aaaa	344

<210> 89
 <211> 355
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 89	
gtggacatgt tgaagctttg agatctgagc aggaggcagt gatgtccctg gtctattcag	60
ggaaagattt cagtgtgaaa tggtaaacad ccaattgaca ggatttagat tttgcttagt	120
ttttctgctt tttaatgttt ctatccccc tctcagtgtt ttctttatcc atcccagtga	180
tgccttattt gaaactgggc ttancntgca aaaagaatga agttggattt aggaactgtt	240
atatcattga gtgggtgttg gagtgaagtt tcactancag ggaagtttcc ttgagcctaa	300
aataaaaaag aaaaaattna naaagaatca gtttttttaa attataaaaa aaaaa	355

<210> 90
 <211> 191
 <212> DNA
 <213> mammalian

<400> 90	
ttttcccttt accagtctgt cctcactgcc tcgccctacc atcctgtcac cagtgggacc	60
tctttaaaac aagcagccaa ccattctttg atgtatccca ttcgctccat gttaacatcc	120
aaaaccagcc tggatttcat acatggactt ctgattaaaa gtggcaggtt gtgcatgtta	180
aaaaaaaaaa a	191

<210> 91
 <211> 336
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 91
tcagtaaggg gcaaacagag gatcactgac tcaagatgtg gttttaatta atanaaatgg 60
aggctgagtg cantggctca cacctgtgat ccagcactt tgggaggcca aggcangagg 120
actgcttgaa ccagagagtt caagaccagc ctggggaaca tgttgaaacc ctgtctcttg 180
aaaaaataca aaaattagct aggtgtggtg gtgcacagcc ttagtccca gatacttggg 240
aggctgaggt gggaggatca cttgagcctg ggaggtanaa gcttgcacnc gagctatgat 300
cacaccactg cactccagcc ctgtctcaaa naaaaa 336

<210> 92
<211> 467
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 92
gaagagctaa ctatcctaaa tatatatgca cccaatacag ggagcaccca gattcataaa 60
gcaagtcttn agagacctac aaagagactt agactccac acantaataa tgggagactt 120
taacacccca ctgtcaacat tagacagatc aacgagacag aaagttaaca aggataccca 180
ggaattgaac tcagctctgc accaagngga cctaatagac atctacagaa ctctccaccc 240
caaatcaaca gaatatacat ttttttcagc accacaccac acntattcca aaattgacca 300
catanttgga agtaaagctc tcctcagcaa atgtaaaaga acagaaatta taacaaactg 360
tctctcagac ccagtgcac aaactagaac tcgggattaa gaactcctca aaccgctcac 420
tcntggaact gacacctggt ctgatgacnc tggggacata caaaaga 467

<210> 93
<211> 441
<212> DNA
<213> mammalian

<400> 93
tcctttaatt taaaaaagag ttttaataa ttatctatgt cgctgtatt tcccttttga 60
gtgctgcaca acatgttaac atattagtgt aaaagcagat gaaacaacca cgtgttctaa 120
agtctagga ttgtgctata atccctatgt agttcaaat taaccagaat tcttccatgt 180
gaaatggacc aaactcatat tattgttatg taaatacaga gttttaatgc agtatgacat 240
cccacagggg aaaagaatgt ctgtagtggg tgactgttat caaatatgtt atagaataca 300

atgaacggtg aacagactgg gtaacttggt tgagttccca tgacagattt gagacttgtc	360
aataagcaaa tcatttttgt atttaaattt ttgactgatt tgaaaaacat cattaatat	420
ctttaaaagt aaaaaaaaaa a	441

<210> 94
 <211> 395
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 94	
tctctgtgac cngacatgag aagggttgcca atgggctggt gggcgaccaa ggccttcccg	60
gagtcttcgt cctctatgag ctctcgccca tgatggtgaa gctgacggag aagcacaggt	120
ccttcaccca cttcctgaca ggtgtgtgcg ccatcattgg gggcatgttc acagtggctg	180
gactcatcga ttcgctcatc taccactcag cacgagccat ccagaagaaa attgatctag	240
ggaagacaac gtagtcaccc tcgggtgcttc ctctgtctcc tctttctccc tggcctgtgg	300
ttgtccccc gctctgcca cctccacct cctcgggtcaa gcccagccc caggttgata	360
aatctattga ttgattgtga tagtaaaaaa aaaaa	395

<210> 95
 <211> 350
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 95	
atttcgaaaa aatccaaatt tcagcaaaat tatatnggtt gttttcagta cctctgaagg	60
tgctatatca agaattctca tgctactctt tgagaaaaca gattgcgttt ttacctagaa	120
aatcaactgc aaggcatttt tataacctta cccaagtaa aaaaaatata ttgaaatata	180
ctaataaatg cagactacat tacttgaaaa atggtaatac agaatgccct tttaatat	240
gaaaatatga atttttggta gaaataatgt aaaataaagc ttctggtaag ccttaggcag	300
ttaaatttac atcagtgtaa agtaggatga aaatctgtaa aaaaaaaaaa	350

<210> 96
 <211> 251
 <212> DNA
 <213> mammalian

<400> 96
 cctcatgtcc tcacctgttt acccccatgt cccacgtcct caccacctgc ttctttgttt 60
 gattaccagt aaatagtatg ggttcccaga gctcagggcc ttgcgagcct ccatactagc 120
 gttgggtccc tggaccacc gtatgtactc ttaacttgtc ttgtctcatt ccttttgact 180
 ctgtcggact tcatagccac cagcactgg tgttgagtct tgatcacccc aacaaacagt 240
 aaaaaaaaaa a 251

<210> 97
 <211> 478
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 97
 cctgaaaact cttttgcatt aagggatcat tgcaagagca gcgtgactga cattatgaag 60
 gcctgtactg aagacagcaa gctgttagta cagaccagat gctttcttgg caggctcggt 120
 gtacctcttg gaaaacctca atgcaagata gtgtttcagt gctggcatat tttggaattc 180
 tgcacattca tggagtgcaa taatacttgt atagctttcc ccacctcca caaaatcacc 240
 cagttaatgt gtgtgtgtgt gtttttttta nggtaaacad tactacttgt aacttttttt 300
 cttantcata tttgaaaaag tanaaaattg agttacaatt tgattttttt tccaaagatg 360
 tcttgtaaaa tctgttgggc ttttatatga atatttgttt ttntagttaa aaattgacct 420
 ttgggaatcc agttgaagtc ccaaactta aaagagttat caacatctta tttggcct 478

<210> 98
 <211> 479
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 98
 tcagaacgcy tcagtaaaca aaacagattt gaatttcctt tccttcatgg aacttaagtt 60

ctagtgggtgg gaggaggaca gaaaacagta aataactaga ttttgaattg tgtttagcaga	120
tgataactga tgtgggaact tagcaggtag aaggcaacac aaggtcaaag aagccgggga	180
ttccaccttg actaggggagc tcagggcagg cctcacttga gaaagcacca cttgcatgaa	240
ggaggtggga aaagccttca cctgggggaa gagccttcca ggcagaggga acagccaatg	300
ccaaggccct aatgccttgg ccacttgctt ggtatgtcca aagaacaagg agacctgtgc	360
cagcggctgc agctgagtga gccagggatg tangaatgtg tanagggtgg ttctgggagg	420
tgcagcagga gaaaagtgc caaagtcact agtggctctc tggattggtt cngggcctt	479

<210> 99
 <211> 486
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 99	
ccgcaaagct ccttagngac ttctaattctt atttggtaaa acaataaaac aaaacagaac	60
ataaccttgt atcccatcta tcccagatgg agaagttctt gaaaattgtc cagcccactt	120
ctgcatttct actttcaata tactttccga gtatatattgtc tcatatatatt tgaaggagag	180
agtaaagtct gtatgtccta aatagtgggt cccaccgaac cagttaaaaa aatttggagg	240
acgtgacatg tgtttgccaa catttaaatt tttccaagta agagtattat angtagagaa	300
agtgaggaaa atcgagagag agatagagag accgagagac acgaaaatca ncaaccagcc	360
cctattgcc a tgatttctta anaggaaagt tttatgttna aaaaaaatta gtgggggaca	420
taccttagaa tgaagggcng atcttcnata cagaaaatgt gtgcaaaacc tnatgacttg	480
ntnttt	486

<210> 100
 <211> 479
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 100

ctctaagtac	ttcccttacc	cactcagtgt	ggatgatggca	cctccctgaa	tctcctgaca	60
aatgcgaaca	ggaactccta	ttcatcagag	ccaacttgat	aactganaag	attcctctct	120
catttatcag	cctttgatta	tctttttgtg	tctcttacta	tttgcgctta	gcaagaaaaa	180
taaagagggt	tgaacaatta	agaagtaaca	aagagctcat	agttcacaaa	gagcaagtca	240
aaggatgtct	ggaatatttg	aacatacaac	tgcctttggc	atgaggtggc	ctacatacat	300
tctcaggggc	aggataggct	tggagagctg	atcaagctgc	ccgggaaanc	tgaagcaaag	360
gccggngngt	ggaatnaatg	tcncttcaac	tgagacttta	aaccttgggc	tttancctggg	420
cgcagtanct	acnctgttaa	tccancactt	tnggaggtaa	gtcnggaaat	ccttncgga	479

<210> 101
 <211> 408
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 101	ttttctntgg	cnnccgtcta	angttggtaa	gcaccttaat	ggattggagg	gtgtgccaca	60
	ggatgaattc	cctacctgan	ccacttcttg	gtgactcagc	tttccatgct	gtgaaatggg	120
	gagaaatgga	aaaattgcct	ttgctgaggg	atatgtggag	aatttccatt	tttgctctaa	180
	gaaaaccaga	ggaaacgtcc	ccttgagaat	tatgtgtgcc	ttcagtctcc	aacccttct	240
	ctccactccc	atcttctccc	ctgttttata	aagcttctctg	gcaagtcatt	gtggctcacg	300
	cctgtaatcc	cagcactttg	ggaggctgag	gcaggaggat	cccttgagga	taagagttga	360
	agatcagtct	ggtcaacata	gtgagattct	atctctaaaa	aaaaaaaa		408

<210> 102
 <211> 326
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 102	gggcttgnt	tgtagtccca	tagctagcag	atggctggag	ccaagactga	ggctcgttct	60
	tcaatgctga	gccagggctc	cttccgctgc	accacaagaa	cgctagacca	ctcgccacca	120

gccttctcat	tccctcttcc	tccattctaa	tcatttctag	ctggctggcc	tccacagagc	180
ataggaaaac	agccagggcc	gggcacggtg	gctcatgcct	gtaatctcac	actctgggag	240
gccgagccgg	gtggataacc	tgaggtcagg	aattcgagac	cagcctggcc	aacatggtaa	300
aaccccatct	ctactaaaaa	aaaaaa				326

<210> 103
 <211> 470
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 103		
gctctnnttt	cttcttgccc	gtgatgggaa gcccttggag gattttaagc aaaaatgtgc 60
cacgattcat	cgctggtggg	tctgtggaag atggattggg ataaggtggg gagtaggctg 120
gtgggtgggt	cttgcatagt	ccttcatgaa atagtcgtca accttagtgg tagtaaagat 180
tttcattctt	tccaatgtgt	ttcacatttt ctaggaactg catgttttgg ggacatgata 240
caattgagga	aaataagtat	tcttttccga taaagtaatg taaggcctca ttaattaaat 300
aaacgcttta	tgagagcaaa	aagacttggg aagaattaac ctttggctgg gcttgggtggc 360
tcacgcctgt	aatcccagca	ctttgggagg ccaaggcgga tggatcacct gaggtcagga 420
gtcaagacag	cctgccacca	tggagaacct ggctctctaa aaaaaaaaaa 470

<210> 104
 <211> 454
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 104		
tggttccctc	nggccgtggt	gctggcaaaa atgtgtgatt ctctgctgct gggtcagaag 60
gccaagagtt	cagatgcctt	gtcccanctg tgcccttgac ttccacaatg acctgtcanc 120
agttatttaa	cccaggtcaa	gccgagtggc aaaatgccga acaccagggt ctttatagat 180
cttantcctn	tgagtaaaag	cggggaaatg cctccatatg aagttttacg tacatcgtgt 240

ctccttacac ttnttatcct ttcccagngt catgcctttg gggtaaaaat tatttgtgag	300
agttcaatta anaattattg ntgtcagtct gctgtgggct catgcctgta atcccagcac	360
tttgggaggc caangtggga gggatcactt gagtgcagga gttaagacta gccagggcaa	420
catagtgaga tcctgtctct cctaaaaaaaa aaaa	454

<210> 105
 <211> 240
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 105	
gggttnatta ctcccgatat agcaacaaag cctgggcaac ctttgttcct ggattctatt	60
tctcctaaaa aatcttttaa gactcgaaaa caaagtctt cttcaaaggc tgaatacaat	120
ttaactgcat gcaaatgcct cctttgcaag aggaaatata gttcacaaat aatgcttaaa	180
agacatatgc aaattgtnc aagataact ctttctggaa caaactctaa aaaaaaaaaa	240

<210> 106
 <211> 240
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 106	
gggtactttg gaattgtccc atattaatca gagatggcaa aagaaaaagt tctcatatta	60
ccagggtgat tttgtgtctc atttcaaatt ttaatttaaa attatggntt tcatttttgt	120
ttaccttaaa gngangctta aaagtggcat gtanttagga cacttaggtt tgttgaaaga	180
attttcgaca tttgnataaa agaatttgcg ataaatntat ccaggngctc accaaagaaa	240

<210> 107
 <211> 419
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<223> "n" is an unknown nucleotide

<400> 107
gtgaaccttc aaacatcgct aagcatttga tctggccatg tatatggtag ctgtgtttta 60
atgtgagaat cttgagggtg gagccacaaa tttcaattct tacatttcca ttgcaaagt 120
gactagagaa aaagaaatca gcttaaataa ggtattaagt aatgtttaga gtcgtaggta 180
ttaactanaa tataaatcct tagaaattgt ctttatacct tcaaaaatta tactatgcat 240
ttatcataga aatgtgatta caaagaagtc tgactacat gtctttaaac atatggcatc 300
tctcaacttt tcttccttat ggggctacat ttgttcattt ccagcagtag cataaactta 360
cgggggacat ggtagacttg ctctaaataa aatttttaaa tgtttactaa aaaaaaaaaa 419

<210> 108
<211> 509
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 108
tgcagnggct ccaataacttn cattttgctc cccattgtga ttctcatcct ggctttgagt 60
tttgcttccc tttgtgtcct gtggtggatc ctccctccag gcagactggc ctgcttgctc 120
tctggaacat gttgtttgtt tctaccactg tacttttgct tcctctcatt cccacagtg 180
gaccgtnttt ttttcatcat tgcttgctca aatcccattt gtcctttaaa gggaanaaaa 240
gccnttggtg atgaagtgtt ttctgggggc agagcattt catgtatcat cttactgagt 300
cactacaatc ctactctgt gaggtgatga tatattagcc ccattacaca agaggagaag 360
gggctcagaa aagttcttaa gtcacactga agtcacacag ctaaaagtgg caaagatggg 420
gctttggatt tttaatccaa gtcagtcttg acagaaaagc ccatggcctg ataccatatc 480
acaagttggc tctcttacat tctccttcc 509

<210> 109
<211> 505
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide


```

<400> 109
gcngnttgct aggcncgtga gcatanattt agagtccagn tgtgggggtgg tggngagatg      60
cagccaaccc agngacggcc tataccnngc accacttagt tgnataactca gantccaggt      120
gtggccttat agctgtgacc ctgctgaat ctgccagtta gcatctagag ctcacatag      180
cctggacaca ttccnnttca gtacgagagg agatttcaga gtctgtgttt caaaattaac      240
acttcaactg ctccaagaca ggagccaatg ccagtcttct ctggacattc atgagaagac      300
atgaaaaatg gccacaccct ggctccatcc tgaatgcttg tctctgaggc caaggcgcaa      360
tctgcaagtg gcacngtggt cccgcgagct ttaggttggg aaaagtgtgt tttgnttctc      420
tctttctctt cctacttgtc tcatgtggna gggacctgga aaggaacttg ctgacaggat      480
ttaaacagna aatccttnca naatg                                          505

```

```

<210> 110
<211> 461
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 110
taccaatgag gggttggttta ttatcaaacc tgaatagctg tggtttctcc agtanatatt      60
ntcttctact gaacatggag ccattattaa nagttgngtg ttttttatta tgtacatttg      120
tatatttttt ngcttggttg angtnctatt tttctaatan ntnctttta gttncctaaa      180
gntgngatac tatatttaga ttctgatgct ancntgcaa tcaggtnggt ctctgctgg      240
gtctctcttg ctttaattnt actttaagga cangtgtant nagtcagtcc accacnttc      300
aaaaaatgtg aaactgccct gcctcccctt tttgctgaca aactgtgtn cattgaccac      360
ttctaccat nctttatgct gnaaaatcaa acccttttgg gggacnttat ctcatgttcc      420
tgcgattcca aanaactcta tggctaccaa aaaaaaaaaa a                          461

```

```

<210> 111
<211> 200
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()

```

<223> "n" is an unknown nucleotide

<400> 111
gcnggtngag tntaaatgat ggatattgac cagacctgct tggacggaga ccgccatatt 60
atctgttctc ttcgttccaa aacagncttc acttgtctca gaatttgatg gacacatact 120
gtgatgagca ggagcttcag atgcactctt tacacattnt gttgaaataa acctctacat 180
ttgtnaaana aaaaaaaaaa 200

<210> 112
<211> 452
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 112
ctgcncggtg gacattntag atggccggtg agagctcttt gaaaatgaaa acattctgct 60
atttgaatgc aaagtgttct tctttgctg tgatgtttcc taatctgtga actcactg 120
gacctcgaag ctgtctatta acaaaaatag caaagtggct gggcanggng gctcatgcct 180
gtantcctag cactttgana ngcttnnggg cgnggatca cttgaggcca ggagttnat 240
accagcctgg ccaatatgtg aaaccccatc tctactaaaa atacaaaaat taccgccgtg 300
tggtggngtc tgcctgtaag tcccaactac ttgggaggct gangcacacg aatcatttga 360
gctcaggagg cagaggttgn agtgagctna natggcnccc tgcactccac ctgngngaca 420
cannagggt ctgtctgaaa aaaaaaaaaa aa 452

<210> 113
<211> 195
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 113
gtataaatga nggatattcg accnanacct gcttggacgg anaccgcctt attatctgnt 60
ctnttcgttc acaaaacanc cttcacttgt ctnagaattt gatggacaca tactgtgatg 120
agcaggagct tcagatgcac tctttacaca ttatgttgaa ataaacctct acatttgtga 180

aanaaaaaaaa aaaaaa

195

<210> 114
<211> 508
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 114
gtatacttgt tnatnacatn ttcgtttcct gagcaataac gattatgaaa agtttaacnn 60
caatcccnaa ttaattngag cctgctgaag gagtttgacc accatttgct gnccgctgca 120
caagcctgca agctgncagn tgccttcagt gcctatacnc cgatcttcat gctcacagca 180
tgcgaaatgc cngtggcaca gtgtttattg tctgacagnn gttcaaataga ctgtcctcca 240
nanttgaaac acttncatnt gtgtgaancc aaagaagcct ttgagattgg cctnctcanc 300
aagagagatg atgagcctgt nactggaaaa caggatcttc acagctntgt caangctgnt 360
ttcgggtctca ccacngtgcn cagaangntn catggggaga cagggactgt ccctgcagca 420
agtcaagcct ttggaatgaa gcaatgggga agctgncaat ttagccttnt tcanaagtnn 480
gacagagaac tttgtttaag attttggtt 508

<210> 115
<211> 470
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 115
cgtgtttcgt tgtaatccgc acagacattt ccaaggnaaa ttctaaacag tcacccttcc 60
cttttgcatt cccccaatac ttaagtgtat acataaaacc ctgggtacat attgttgtgg 120
taatagaagg gaattgggta aacagtacac ttgtttatgg aactttctgt ggccacctac 180
gaaagacaag ttaacanant tgtcatggag gctgttgttg ccagccaggg ccgctgcatt 240
ttgacaacat ttccaccctg gccactcagc acatttcatg gaggtcatgt cttttcactg 300
atactttttt gatagttttt atataacaaa atccttattc tattttataac ttaagatgat 360

aaggcactat aaattaatga cctaaaataa tatatttgtc tgttatcttt tgctatttct	420
acttcacttt aatttttagc tgtaaattgg taatggatct tacactntct	470

<210> 116
 <211> 473
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 116	
ttaanttatt gtcttgctg tttgctaaca gttttatttc cgaggtaaaa tttgtctgat	60
ttttttctca ttactcattt ttattacca gatggcagtg aattggaata actatatttg	120
gaaatatgat ctctaaacta gcagtctctg aacattatct aagaggagta gaaatcttta	180
ctgtggttgc agatantaaa tgctattaaa agaaagagcg tcttgtaata cttggagcnt	240
tgacaacagc agcagataag gaattttcct gaatttttat ttcttgctag tgtggggaca	300
ggagtgggtgg cttggatgtc aggggagagt tggggtttgt tgggtctcatt ttctgtctta	360
tgtggctgag gaagcggttg tctgtatgtt tttgatgcag tcatatgtcg tagttntgga	420
cgttctcttg cagggagggc accgctngtc aatgagtgga accctcgatt tac	473

<210> 117
 <211> 423
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 117	
tgccanaggt cannttttga ggaaagccga aatgagacct agataagaac cagactgtga	60
aggatcttgc acttgatatg aaaagagttt tgcccttttc ctgagggcat cagaaagtca	120
ttaaggtggg tgtggtggct tacgcctgta atcccagcac tttgggaggc caaggccagt	180
ggatcacccg aggtgaggan tttnnaccag cctaatcaac atggcgaacc ctatctctac	240
taaaaataca aaaagtagct tgggccgtgg tggcgccgtg cttgtagtgc cagctgttca	300
ggaggccgag gcaggagaat tgcttgaacc tggaatgtag aggttgcaag tgagccgaga	360
tcacacccgc tgcactccca actgggagac agancgagac tccgtctcaa aaaaaaaaaa	420

aaa

423

<210> 118
<211> 502
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 118
gtctgttttc cagggccccc aagcaagggt atggagatnt gccctgcaca agggggtaag 60
tagggctgaa atccagcccc actatctgcc ccaaagaaga ggctcctttc tctaattttc 120
ttaaagggtta gctagcccag aaatagcagt ggtggcatgg agttggagca aagtggacag 180
at ttggcata tactttngtg gcagaatgga caggacttaa ttaattagag tgaaggttag 240
agagagaaag atgtcataaa tgaataccag gtttctgctg ggaaccagtg aacagttgga 300
aatgccattt gtangagata ggatagatgg aaagatttga gggtaaagag tgtaagtttt 360
ccttttagaa gaatcaacta ctctgagata ataacctaac catcccagag ggatgatttg 420
catcttcttt gctgagagga cacctcatcc tcttcnttc ctgggttana acttccccaa 480
aagngttggg gattgagggg ga 502

<210> 119
<211> 275
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 119
nacctttctg gggacgctgg cccagtgca ggccaacatc ccacccccta cctcctatgg 60
gaccttgcaa gtcacccac aggctgcact gtcaggaaga ggaccctgtc cccagcact 120
gggcttcacc tagaacttca gtgggggcca agggtgctga gaaccagca atgaccagga 180
agatacagtc actaacttca tctgtccccg tgccccttcc caggtcctgc ctccacaggt 240
ttaaccaga acaataaacc tggctttgtc atcaa 275

<210> 120

<211> 450
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 120
 aagactgtgt tgtcttttct accaagagta ttaacactac taagtctttc accttaactt 60
 atgactcagg atttattcac gtcctgccca ctctaggctc acaggaataa aatcaagtgc 120
 tagacacact ggctgtact aaggcactag cctctgtagc tgggtggtggc agcgtggggt 180
 gccgccagc gtgctgggtc ctggcagtgc ctctgctgtg cttgcacatt gagccctttc 240
 tcagtcatgt gagtatcaag ttgggccatc tgtctactga cctggccttc atgtaagcag 300
 ctgtgggctg cgggcagaca ggagctcaga gatgcagcat gaggcgctta gaaaaacctg 360
 gccatttgc tgcctctaatt cccttttgc ttgccatatt gggcttgtat tacctccttg 420
 aaanataaaa gaatacattt tcaaaaaaaaa 450

<210> 121
 <211> 319
 <212> DNA
 <213> mammalian

<400> 121
 tttagttgcc tgctgtggc tggttaaggta atgtcatgat tcatcctctc ttcagtgaga 60
 ctgagcctga tgtgttaaca aatagggtgaa gaaagtcttg tgctgtattc ctaatcaaaa 120
 gacttaatat attgaagtaa cactttttta gtaagcaaga taccttttta tttcaattca 180
 cagaatggaa tttttttgtt tcatgtctca gatttatatt gtatttcttt ttttaacactc 240
 tacatttccc ttgtttttta actcatgcac atgtgctctt tgtacagttt taaaaagtgt 300
 aataaaatct gacatgtca 319

<210> 122
 <211> 449
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 122

aaatagactt	tttgcaatta	ataatgtatc	atatatacat	tactctgtca	ttagacattc	60
ttctacaata	anagttttga	catgtattgc	caaataatcct	cctaangttt	atacagatta	120
cactatttaa	tcatagttac	attttcctaa	agacttagtt	ttggccaggt	gcagtggctc	180
atgcctgtaa	tctcagcact	ttgggaggcc	aaggcgngtg	gatctgctga	ggacgggaat	240
tcaagaccag	cctggccaac	atggcaggaa	accgtgtctc	tactaaaaat	acaaaaaatt	300
agcatgngcg	tggnggtggg	tgcctgtaat	ctcagctact	cgggaggctg	aggcaggaaa	360
atcgcttgaa	cccgggagat	ggaggttgca	atgagccaan	gtcacaccat	tgccttcann	420
ctgggcaaca	agagtgaaaa	tccatctca				449

<210> 123
 <211> 289
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 123	
agtgagactg	agcctgatgt gttaacaaat aggtgaagaa agtcttgtgc tgtattccta 60
atcaaaagac	ttaatatatt gaagtaacac ttttttagta agcaagatac ctttttattt 120
caattnncag	aatggaattt ttttgtttca tgtctcagat ttattttgta tttctttttt 180
aacactctac	atttcccttg tttttnnctc atgcacatgt gctctttgta cagtttttaa 240
aagtgttaata	aaatctgaca tgtcaatgtg gctagtttta tttttcttg 289

<210> 124
 <211> 289
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 124	
agtgagactg	agcctgatgt gttaacaaat aggtgaagaa agtcttgtgc tgtattccta 60
atcaaaagac	ttaatatatt gaagtaacac ttttttagta agcaagatac ctttttattt 120
caattnncag	aatggaattt ttttgtttca tgtctcagat ttattttgta tttctttttt 180
aacactctac	atttcccttg tttttnnctc atgcacatgt gctctttgta cagtttttaa 240

aagtgtataa aaatctgaca tgtcaatgtg gctagtttta tttttcttg 289

<210> 125
 <211> 273
 <212> DNA
 <213> mammalian

<400> 125
 acagtaagtc atgatccaga aataaaagaa cacacagctc tctattcaga catgtgggct 60
 tgtggacatg aagctggaga aacataaggt gataaagaaa atcctgatgg aattggtaaa 120
 agagcctaag gccacacaa atcagagtgt tggctgagtg tggaggctca cgctgtaat 180
 cccggcactc tgggagggcg aggcaggtgg atcaccttga gatcgggagt ttgagaccag 240
 cctggccaac atgggtgaaac cctgtctcta gta 273

<210> 126
 <211> 440
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 126
 ccccttcggc cctagcaaaa ntttttcttg naccctggtg ccaaaaagat ggctggtgta 60
 agggaccctg tgatacgtgc atgaggtgtg aactgactct gttgattatc cggactgtct 120
 cgagtgccat gccagcttca tgattccatg ctgtacttta cgcattgtgc gcactctgag 180
 taggcatttt gtgaaatttg ttattccttt tatgttgagg aacttccact tgaaatgctt 240
 gtatccttgg atgcctccct tagctctcct gctgtaagct tctcctttca gaacagacaa 300
 atagccttgt ctctattgtc aaaaggtagg ctcttttatt gttgtcatac ttttcttggc 360
 ttgagaatac tggggctggg caagatggct caatgcctat aatcgagca ctttgggagg 420
 ccgcagtggg cagatacctc 440

<210> 127
 <211> 435
 <212> DNA
 <213> mammalian

<400> 127
 cttgggcccc gcttattttt ctctgcccc tggcttataa tgaacaattt ggtacgaact 60
 actgacctcc ttctaaaaca ctgagtgacc cttaaaaaaa ttcaacctta gttcccaatg 120

cccttggtgta tatacaaata atcattgcct tcgtttacta tttcctcaaa tccttaaaaa	180
tagaaagaat caaatatact tgccaaaaaa tttagccaat tgttaaaaaa tcataagagg	240
accaaagtag atagtacatg gaaagtcttt agaaaaagct caaaaatagg taagaatgaa	300
aaaaactatt gggcatcatt gtaatttatt attggttgat atcctggtgt taggattaaa	360
gtaaaaacat caaacattac aaagagacaa gttccctgca gactctttag ttcagtcagt	420
tgtactgata atttg	435

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<210> 128
<211> 428
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

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<400> 128	
ttcgaaccac ctctccttcg ggaaagttag agccaggctc agggccccga atgtcacct	60
gcatgggaca ggggtgaaata aacactgagg aaagagaccc ttagaattga agtctgaggc	120
acatccccac tgtcacctta gcctgtgcag tttcaatgtg accagcctga atgacntgag	180
agaagccgag ggaaggcata aggggcatcc attattcagg ctcacctggt gatggtacca	240
tcagcagaat ctttcaccaa cggtgggtcc cagtatactc gagcagtcaa tttctctggc	300
tctgccatct tctcacgtga gtggggacag cggatcttgg ggggatctat gtctgccaag	360
atgaaaaatc aagtgtgac tcgtggggcc cttgctttcc ctggagggaa tccactgaag	420
caatgcnc	428

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<210> 129
<211> 270
<212> DNA
<213> mammalian

```

<400> 129	
cgaagataga gaaggtttct cacattggct ttggaagtca agcactcagt tcaggctgag	60
agaatattct ctcttagttc ctgctctctg gagtggagta gttcagactc aacagaaaaa	120
gctttgctgg gccaggcgca gtggctcaca cctctaatta gaacactttg ggaggccaag	180
gcgggcagat cacctgaggt caggagtttg agaccagcct ggccaacatg gcgaaacccc	240
atctctacta gaaatacaaa aaattagcca	270

<210> 130
 <211> 190
 <212> DNA
 <213> mammalian

<400> 130
 atttaaaactg aatctaata caagaaaaca atcagatata tccagactga gagatattca 60
 atatgacatt ataaaaacta agattcttca atatgtcaac atcatgaaca ccacaaaatg 120
 gcagaaaaat tgttctagat taatggagac taaagagata taacacaagt gcaactcatg 180
 gtacctgaat 190

<210> 131
 <211> 239
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 131
 aggaaaaact tttgtcgcaa ctccctctca gcaaatagcc ttttatcgaa aaactagaga 60
 aactctcatc aatgacttct ctccccattt taatacaata ttaattcaac aagaatctat 120
 cataccagaa cctccctaaa aagactaaaa gcacccccaa aacaattatt cctgaaaacn 180
 attnaaaaca atactagata atggataatg aaatgctgaa tggatacac tcagatgca 239

<210> 132
 <211> 265
 <212> DNA
 <213> mammalian

<400> 132
 acccagatct aaagcaagtc cttagtgacc taaaaagaga tttagactcc cacacaataa 60
 taatgggaga ctttaacacc ccactgtcaa cattagacag atcaacaaga cagaaagtta 120
 acaaggatat ccaggaattg aactcagctc tgcactgaag tggacctaat agacatctac 180
 agaactctcc accccaaatc aacagaatat acattctttt cagcaccaca ccacacctat 240
 tccaaaattg aacacatagg tggaa 265

<210> 133
 <211> 410
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 133
 tgctccaaga caatgagaac ttcaagacaa tagtggagtt tgagtgccgg ggccttgaac 60
 cagttgattt ccagccgcag gctggggtttg ctgctgaagg tgtggagtca gggacagcct 120
 tcagtgcacat taatctgcag gagaaggact ggactgacta tgatgaaagg cccangantt 180
 ctgtgggaat ctatgaggtc acccaccagt ttgtgaagtg ctgatccctc ttccttccag 240
 tttgccttta aaactgagaa aaggacaaag tctcttaagc agcanancca cagaagctcg 300
 ttcttttgac cttggctcct ggtggctntt accaaacctt tcacaatctg cattgctgga 360
 ctttattaca gcttnccaag ccccatcaat aaacccttg tcaccctgc 410

<210> 134
 <211> 231
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 134
 agtatttatt accccccct atgccctcat ttttttaaaa aaggaaaaaa aaaagaaact 60
 ggggtccagt cttaattcat tttccgtgcc aggttctatt tcgtgtgtgt gtgagtgtgt 120
 tctgttttgt gttttgtttt ttgttgttgt tttcagttgt tnggttttct tttctttccc 180
 ccctcccgtt ccatacttc acagcactnc tgggtgcggga agaagcagan c 231

<210> 135
 <211> 223
 <212> DNA
 <213> mammalian

<400> 135
 aacactgtta atgctgtaag tgaaagttca ctgtcgtctg tataactaaat ttattggtgt 60
 ttctaactta aaagtaagac tgcagattat cccccaccag ccttagtcca ggggtgtggc 120
 tctgtccggg tgcagtatgc agtcatgtgg aaccttgctt tctagtctg ggaaaaaaaa 180
 gatgtctcta attctggctt caataaacac cgaatccaga ctg 223

<210> 136

<211> 216
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 136
 nataagttct cntgttctat agtactgtag atgactatag ttaacaatac tatattatgt 60
 agttttaaata acctaggagt agtttgaatg ttcccaacac aaagaaataa taaatgtttg 120
 agatgataga tatgctaatt accctgatct gatcaccatc tacatgtact gaaacatccc 180
 cgtatagcca tgaatatgta taatctttgt caattt 216

<210> 137
 <211> 442
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 137
 ggtaggtggg tttgcggttc aggactgctt ctggaaggga ctgcctgtac ttctgtacca 60
 ccgttgccct ttacactttg ctcagggcgg ggtgggggaa gcattcaaac aaaacaagga 120
 agggaaactgt ctggcaaagc ataagtggat gcattccagag ctgagtcccc tttaatcttt 180
 tgtctctggg cggtctgctg cttcctcata ccggggacat ggcattccag gtcagcttgg 240
 atgtggtctt agaggcaggg agtgcctacc cagtcctgcc tcaggagcag ggtgagtagc 300
 taaatacaga cttaggcttt tttttcccc cttttaagat gctngctcct ctcccttttc 360
 tttttaccac cctaccttta ttgttaagtg gggtacaaag tgacccatat tatgactttg 420
 ctgtaaataa agacagacaa aa 442

<210> 138
 <211> 426
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 138
 ggtagtatttt agagaagacc aatagacaat aaaaaatgat aaaggggata ttaccactga 60
 ccctacagaa atacaaacta ctatcagaga atactataaa cacctctatg caaataaatt 120
 agaaaatcta gaagaaatga ataaattcct gcacgcatac accctaccaa gactaaacca 180
 ggaagaantt naatctctga atagaccaat aagctctgaa attgaggcag taattaatag 240
 cctacaccaa aaaaaagccc aggaccaa atggattcaca gctgaatcta ccagaaatac 300
 agaggagctg gtccctcctt cagaaattat ttccaacctt ttgaaaaggg aagggaactcc 360
 tccttactct tttattgagc cngcatcatc ccaatnccca acctggaaga gacacagcca 420
 tatcat 426

<210> 139
 <211> 340
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 139
 nttcaactat acctagggct acagtaacca aaacagcatg gtactgggtac aaaaacagac 60
 acatagacca gaatagagag cccagaaata aagctgcaca cctacaacta tctgatctcc 120
 aacaaagctg acaaaaacaa acaatgggga aaagacttcc tattcagtaa atgatgctgg 180
 ggatancttg gatagccata tgcggaagat tgaactggga tcctttcctt ataccatctg 240
 caaaattact caagatgaat taaaagactt aatgtgacct caaattataa aatctgggaa 300
 gacacctagg gcaatccctt ctgcacacag aaaccagca 340

<210> 140
 <211> 339
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 140
 ttntaaacca gtacgtagac tggttcccta gtgctttcct tgtctggaag tctccagagt 60
 accaagagca tactccatac cctgcgtggt ggagaaaatc tgcttggtca gaggagctcc 120

aaattgtaga tggtttaaaa atatttttagc ctggatgagc cccatcagca gcactcacac	180
acctaccctg ttccacataa attcttgctg tgccgtagtt cacactttaa gcattctggt	240
ccttcctca ttgacctgtt taacttttca gtacactaga tatgggccat gtcaagctgt	300
aattcattct ttgntctgaa aacaaccttt tggcaactc	339

<210> 141
 <211> 369
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 141	
ctatntgtgc atatagcat gtacatcgca gtgcttttat ttgcaaagtg tccaattatc	60
aggtcacatt ttataacac ttgtgtatgt tgtatgtgct gcttcagaac ccaagcatat	120
ttctcttagt taggggccgc cttgttgccc aaatgaagaa aattagcagg gaagtgcagt	180
atgttggtcca ttgaatgtta catacatgta atgtctcaaa tacattataa ttggaagttg	240
taatctgagt gagccctttg agcatgtaat aaatatcttt tagaacattt tangtatcat	300
tttaaagtgt attttaatcc ttataaaaac atttaattta ttttgacata ccttttgng	360
aatcctaag	369

<210> 142
 <211> 218
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 142	
ttttnggctc ctatcagtag ttccatctgt ggggctcgca gtaatataag cgacctgttc	60
tgggacacag cactgggccc gctggggttt tagtagggca gccccttccc tgcaggagtg	120
aggcatggtg acagcagtc cctatgtgcc cccaagtcac ctgagcattg gtgtgcatta	180
aggtaactcaa tcttccaaca ataaatacca taagtgca	218

<210> 143

<211> 353
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 143
 cttttccgct ccacattcct tttagcttga ccagtctaata ttaaaatgtg tttgttggag 60
 gtcattaacg ntacttgtac aatgctgtca ctgtgtgaca tccatatgaa ttttggtata 120
 tatcaatcaa tcaatcaatc aatcacattg cattcaatca atcagctgtg attgattgat 180
 tatgcttana aatactatac tatagtaact agatgcagtg tgaatttttt ccattaacaa 240
 acaaacaaaac aagtcagtggt cttaaagtgtg attatgggtcc tgcaaggtga ttcttgctaa 300
 aatatctaaa cttttgtttt gttttaactg aatcattttt taacttaaaa agc 353

<210> 144
 <211> 313
 <212> DNA
 <213> mammalian

<400> 144
 tagcttcaag aagaatgatt attmattcgt cagaacagtc cacagtttct gatcataatt 60
 ctaatgattt acttcctcag gaatgcaata tggataaaaac acataccatg gaattgctac 120
 caaaggagaa gtttgtatcc agaccacca caccaaaatg tgttattgat attacaaatg 180
 acactaattt agaaaagggtg gctcaggaaa actcaagtac ctttggcctt cagacacttc 240
 agaaaatgga tcctaattgtt agtgattcaa aacactctat tgcaaagca aaattcttgg 300
 aaacagcaaa aaa 313

<210> 145
 <211> 364
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 145
 tcgccaggaa gataaaaaac atgaagaagc agagaagcgg aagtctgttg acactcagct 60
 tcaagaanat atgattattc attcgtcaga acagtcacaca gtttctgatc ataattctaa 120

tgatttactt cctcaggaat gcaatatgga taaaacacat accatggaat tgctaccaa	180
ggagaagttt gtatccagac caccacacac aaaatgtgtt attgatatta caaatgacac	240
taatttagaa aaggtggctc aggaaaactc aagtaccttt ggccttcaga cacttcagaa	300
aatggatcct aatgttagtg attcaaaaca ctctattgca aatgcaaat tcttggaac	360
agca	364

<210> 146
 <211> 451
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 146	
ncaggaccca ctcttattgg ccaggcaggg cgctcccaca gagctttgag taacttcttg	60
gntgtgcagt ctgcaggcaa tgttggcatt gtaaattcct cccttcagc ctccttcagt	120
tggtgagggg atcacttcag ctgcctgctg tggacaaaga acatcanatt acagcatcac	180
gagtgtctatt gttgcctgng gnggtctccc tgtccaagcg ggaccgnttt gcagagacca	240
gaggcatatc gcggcttgag ctgaanatgc atttgttgca gcttaggttg aattatTTTT	300
cgtttgtctt ttcttctaca ccgcgcctga tggatagtga acctattcat caaanaagtg	360
cactgtctct ctgnctattg naccgactta acctcttcca ccagtcgcgc atctgtgtgt	420
anatcaataa cgntgngtgc tttgantgcc a	451

<210> 147
 <211> 434
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 147	
acccgcgntt tattggcagg cttctagagt cccaaggctt ttgtggggag gagaatggac	60
aaatttgatt taaggatcaa ctttcaactg caaatcaaa gaagtataaa aattgtagaa	120
tgaatttaca acttggattt acaaaattaa tttgacaata aagtcattgt agcaatagac	180
acgggatcct ttaataaagt caagaaactc aagtttctaa acctgatgtt gagcttcacc	240

cctattccct	atatcactgg	tgggttggtg	tgtcatgttt	tctccaccct	ctggaccacg	300
acattgttgt	ggattcttcc	atggaaaagc	cctaactgtt	attactgtgc	ttgttatgtt	360
gtctcatgca	acaacattcc	tatatattatg	gaaatgccag	acaagttttg	tctgtttggg	420
tataaataaa	cctt					434

<210> 148
 <211> 460
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	148					
nccttaggcc	ntctcanant	tggcagaatc	gcaacttcta	agatactact	agatttcgac	60
ctagtaatac	taaatccaaa	aaggatgtta	aacttgaatt	ttttggtttt	gaagatcatg	120
agacaggagg	tgatgaagga	ggttctggaa	gttctaatta	caaaattaag	tattttggct	180
ttgatgatct	cagtgaagc	tgaagatgat	gaagatgatg	actgtcaagt	agaaagaaag	240
acaagcaaaa	aaagaactaa	aacagctcca	tcaccctcct	tcagcctcc	cccagaaagc	300
aatgataatt	cccaggacag	tcaggtctgg	tactaacaat	gcagaggact	tgcttgggtg	360
gcctgaaagt	gtgaagaagc	ccataaataa	acaaggagat	aaatcaaagg	aaaatccaga	420
aagattttta	gtggcccaac	ggtaccaca	aagctgatat			460

<210> 149
 <211> 286
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	149					
cttgntngac	cgaactgttt	ctttccttgg	aattttcttg	gccaaatgca	ttcaagacaa	60
tagacttggtg	gacttaccta	tttctaaacc	tttttttaaa	cttatgtgta	tgggtgacat	120
taaaagcaat	atgagtaaac	tgatttatga	gtcacgaggt	gatagagact	tacacntgta	180
cttgaaagtc	agtctgaagc	ttctacagaa	gaaggtcatg	attcactctc	ggtaggaagc	240

tttgaagagg attcaaaatc agaatttatt cttgatcccc ctaaac 286

<210> 150
 <211> 335
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 150
 ncatgcttat tctcagggtt ttcttagaaa ggatatngtg tcaggagatg aagatgtatt 60
 cttttcttgc attggtgacc tgtagtttac actgtgtaaa tgcaaaaaaa aagccctata 120
 gtgagtcgta ttaaategaa ttcccgcggc cgccatggcg gccgggagca tgcgacgtcg 180
 ggcccaattc gccctatagt gagtcgtatt aaatcgatt cccgcggccg ccatggcggc 240
 cgggagcatg cnacgtcggg cccaattcgc cctatagtga gtcgtattac aattcactgg 300
 ccgtcgtttt acaacgtcgt gactgggaaa accct 335

<210> 151
 <211> 418
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 151
 cccttngggc ccgggnncat ttnacaagag actaactatc ctaanatatt tgcacccaat 60
 acaggagcac caagattcat aaagcaagtc ctgagtgacc taaaagaga cttagactcc 120
 cacacattaa taatgggaga ctttaacacc cactgtcaa cattagacag atcaatgaga 180
 cagaaagtca acaaggatac ccaggaattg aactcagtc tgcaccaagc ggacctata 240
 gacatctaca gaactctcca ccccaaaaaa aagccctata gtgagtcgta ttaaategaa 300
 ttcccgcggc cgccatggcg gccgggagca tgcgacgtcg ggcccaattc gccctatagt 360
 gagtcgtatt acaattcact ggccgtcgtt ttacaacgtc gtgactggga aaccctg 418

<210> 152
 <211> 289
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 152
 ccccnttcgn ttncctttgg cncgggacgg gttggtagtg gcagacgatg aggtgtgagg 60
 ggcagaggaa taagaaattt antgggttttt attcagactt tattatttgg gcatgagcca 120
 ttggtgatta actcaatctc cagccccctt gccctccctg aagggtgggg aggcaggaag 180
 tccatccctc tgatcatgcc ttggtctcca ttccccaaac cccatcctga agctacctag 240
 ggcccccaat accgagtcac ttcatagag aaggacattc attnctcca 289

<210> 153
 <211> 266
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 153
 ngnttcccct tgggcccggg ncattttaaca aggaanacta acctaataa tatgcaccca 60
 atacaggagc acccagattc ataaagcaag tccttagaga cctagaaaga gacttagact 120
 cccacacatt aataatggga gactttaaca cccactgtc aacattagac agatcaacga 180
 gacagaaagt caacaaggat acccaggaat tgaactcagc tctgcaccaa gcagacctaa 240
 tagacatcta cagaactctc caccce 266

<210> 154
 <211> 409
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 154
 gcccggncc ntntaacaag gaggcntaac taccctaaat atatatgcac ccaatatagg 60
 agcaccagga ttcataaagc aagtcctgag tgacctaca agagacttag actccacac 120
 aataataata agagatttta acaaccact gtcaacatta gacagataaa tgaaacagaa 180

agttaacaag ggtacacagg aattgaactc agctctgcac ttaagcggat ctaatagaca	240
tctacagaac tctccacccc aaatccaaca gaatatacat tcttctcagc accacaacac	300
acctattcca aaattgacca cataacttggga agtaaattctc tactcagcaa atgtaaaaga	360
aaagaaatca taacaaactg tctctcagac cacagtgcaa tcaaactag	409

<210> 155
 <211> 339
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 155	
cccttgtacc cagatccttt nccagtgcac cccctttccc caagcgctc cttctcctct	60
gtgtccctg tattggggtg ctactacctg gttccccatc tctacttac ctaggaacca	120
cctccagagt tggcagaagt tgggagacat aaggggcgac aggcacaaag tggagtagag	180
tgaaaagaca caggctttac agttaaaagc cctgtgttta ggccaggtgc ggtggctcac	240
gcctgtaatc ccagcaattt gggaggctga ggtggacaga tcacaaggtc aggagatcga	300
gaccatcctg gctaacacgg tgaaacccca tctctacca	339

<210> 156
 <211> 325
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 156	
cnttctgtg cgcnaacctg gaaatactct tctcaacatt agccttggca aggaatttgt	60
ggctaagtcc tcaaaagcag ttggcaacta aaagaaaaat tgaccaatga gacctaatga	120
gagagcttct ggacagcaag agaaactatc aaggggagtaa acagacaacc tacagaatgg	180
gagaaaatat tcacaaacta tgcattccaa aaggtctaata gtccaaaatc ttaaggaact	240
taaatcaact agcagataac ccattataa agggacaaaag gacatgaaca gacactttct	300
caaaagaaga catacaaggt agcca	325

<210> 157
 <211> 351
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 157
 acccattctg tgggtcaaag caagtcata ggcattctca gtttcaagga gaaaggaaat 60
 aagctctacc tcttgagggt aggaatcaca aataatttat ttctatttca gtctaccgtt 120
 gacctatcct ttaaaactgc attccttaaa aaaacagtta aataatacgg gaactttact 180
 gttctcaagt attttgtgta aagattgaaa gctacnggaa gcattgagca cttgatatac 240
 ttttgttttg aaattcccat ttaaccgtg tgcagttcag tggtttttag tatgttcacg 300
 tgattgtgca aacatcatta ctatctaatt ttagaacatt atcaccccaa a 351

<210> 158
 <211> 440
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 158
 tgtaccacaca ccaggnttcc agtgaaacag tgggctangg gactgggccc cccacagaca 60
 ctgaggagggg tgtataaaga gtcagcggct gaggccctga caagcctgtg cttgcgctgc 120
 gggcatttat tcagtataga tttaatgaca aaggcttga gtcaacacac ttgtggggaa 180
 ttcacatggt cgtgcttgcg cccaccccca cccccgcta gtcttgcatg cagatgattt 240
 aggccaggtt ccatggtcta agtaaaactaa cttacttaga tgagtttctt tacatccctt 300
 tgttacctaa cctaaagttt caggcaccag ataagacaat ctggcttgcc ttcagccaaa 360
 tctttttccg aagcttttgt aaaaccttcc agccttccaa gaaggttaca tctttctaca 420
 atttttccac cccctgactg 440

<210> 159
 <211> 281
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 159
 aatatctgca ttattagtat ttttctttaa attggatcac tttttttctt acctangtaa 60
 atatatctta aaaggaaact atattactgg cttaaattgga aagctattat cacttggttat 120
 gcagggaagg tgaccataaa aataatcaca atggagggcc ntggcacagn ggcttatgcc 180
 tgtaatccca gcactttggg aggtcgagac aggcagatca cctgangttg ggagntcgag 240
 accagccctg accaactgg agaaactcca attctaccan a 281

<210> 160
 <211> 260
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 160
 tggcaaaaat gtgtgattct ctgctgctgg gtcagaaggc caagagttca gatgccttgt 60
 cccagctgtg cccttgactt tcacaatgac ctgtcagcag ttatttaacc caggtcaagc 120
 cgagtggcaa aatgccgaac accaggggtct ttatagatct taatacctct gcagtaaagc 180
 gggggaaatg cctccatatg aagttttncg tacanctgtc tccttacact ttcttatccn 240
 tttncagtg nccatgcctt 260

<210> 161
 <211> 249
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 161
 aagtgtcaac cttgcagcag gatttggaaca ctctgggagc caaactggat gtggaagctc 60
 caaaggtaca gaaaaagaac tccaaaatgt tgacttttac ctctgtcctg ggaatcacc 120
 tgacgctagc tgtcgagata cttatcagtt tttctgccct gatnggacat ttgtaacttt 180

tatncaccta ctntggggga tcaaccagat cttcattcta tactcgtgct ccttgccta	240
attatgtcc	249

<210> 162
 <211> 410
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 162	
gggagctccc ncgtcctcag gaccttgact cggctataat gagaagaatg cctacaagat	60
ttcatatcaa ccagcctgct ttaaaacaga gagaagcaat cctgaaactc atcttgaaaa	120
atgaaaatgt ggatagggcat gtagacctgc tagaagttgc ccaggaaact gatggggtttt	180
caggggaagtg acctaaaaga gatgtgtcga gatgctgcct cctctgtgtt agagaatatg	240
ttaattctac atcagaagaa agccatgacg aaagatgaaa ttccggcctg ttcaacagca	300
gggacctgca tcgggggcaat tgaaaagatg aagaaatcaa aggatgcagc atttcagaat	360
gttttaccac atgtttgttt agattaagaa gtaagatctt ttgtncagtc	410

<210> 163
 <211> 428
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 163	
gtnnntnta gatggccngt gagagctctt tgaaaatgaa aacattctgc tatttgaatg	60
caaagtgttc ttctttgcct gtgatgtttc ctaatctgtg aactcatact ggacctcgaa	120
gctgtctatt aacaaaaaat ggcaaagtgg ctgggcatgg tggctcatgc ctgtagtcct	180
agcactttga gaggctgaag ggggcnggat cactttgaga ccaggagtgc gatgccagcc	240
tggccaatat gtgaaactcc atctctacta ataatacaaa aattagccag gtgtggtggc	300
atctgcttgt agtcccagct actcaggagg ctgaggcaca agaatacttt gagctcagga	360
ggcagagggt gcagtgaagt gagatggcac cactgcactc cagcctgggt gacagagggga	420

ggctctgt

428

<210> 164
<211> 303
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 164
agaatctaatt ggaatgaatt agttctgttag atgacaattt cttcacccat ttatgagacc 60
taaattctttt ccataacact catgtattca gtataacaac atactaactg aaagagggac 120
ctgattgtttt aaagtttgat tgcagacact ggggnancata actcattatg tttcagataa 180
ggtaactcct agatatcaaa ctaatttggtt ggggnagaga ttttacangt catgccatta 240
caagatttttc tctgatatta tatgtgcagg tcagttncaa gatgaaatca tgttttttta 300
aca 303

<210> 165
<211> 411
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 165
agtgatattaa tacgactcac tatagggctt tttttttttt caggcntgcn cagcatccct 60
gtgctggagt ttattttaaa aancancncc ccagttatca cagtttcttt tttngttcac 120
cattttccat aacntntaa cctacacaaa atttgggggg agatcctctn tttggagact 180
gacncatttg cagaggggtc atgaataatg attccaaagc tcctatttac cttctgaatc 240
aggcaaagaa tangngacan tntaanaatg aattttgttt ccggcagtnt cattaatncn 300
ncattggaat cnttnccggg gcnggggggt ggaaattaan ncccccaana aaantttttt 360
agccccgacc cccnanccac ttaaattccc actggttcca accaaaagaa c 411

<210> 166
<211> 404
<212> DNA
<213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 166
 gcggataaca atttccacag gacgactcca agtgagggcg gccaaagtcct cgctgagcag 60
 agaggggagcc gttcatgtca gagactcact gccagaaaag ccttaccat tttgggttttc 120
 actattgaga ccgcaactgc ttgcactgat ctttttggtt ccgtgagcag ttggtgattt 180
 tagttggtct ggtgttcggg ctaagaatat tttattgttg acttaattac aaccctgcct 240
 gtaatgattc aatgctgnat tatgatattg ctgnaaaca aattcattct tatattggca 300
 cttattcttt gnetgattca naagttaata ggagcttttg aatcattatt catgaccct 360
 ttgcaatgtg tcagctccaa naaagntttc cccaatttg ngac 404

<210> 167
 <211> 403
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 167
 gtgattagcg gataacaatt tcacacagga cgactccaag ggtaccagct catagttgtg 60
 ggggctatat acttttatga gtttgatctt taggagctct aactactagg tcctcacagt 120
 aagtatcaga tgannagtc ctcttgtgct tcttggtagg aggaggggaa aaaactatta 180
 taaaataagc cagaggtggg aggatcactt gagcccagaa gtttgagacc agcctggaca 240
 acatagtgag atcctatctt tacaacaat tacaacaaaaa ttaagccatg catggtggcg 300
 catgctggtg gtcccagctc tcangttgaa taggagcntc gcttgggccc angaggcaag 360
 gctgcagtga ccatgattat atactgcctt cagctgggtg aca 403

<210> 168
 <211> 290
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 168
ccagactctt tgtgatgtag cttttaggag gcactcaggt gncacggcta nactgcagct 60
atgagacaga tctggcttcn atccaanagt tgnatgcac ttgctgtgtg accttgggca 120
agtcacttca cttctctgag ccccggttc ctcactctgta caatgnggct tacgatacta 180
ctacctcata ggggtntcct ggggatccag tatgangaag tgcncagggt gcttggcatg 240
gtgcccggca cggcaaaaag tgctcaataa atgtttttgt cntaacngga 290

<210> 169
<211> 473
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 169
tccagactc tctacnmatg ataactcaat tcaaagtgtg tagcctaaag ctctggaact 60
ggatttccaa ccagctgacc gaactcactg accagtacag gcatgggttat ttcaacatta 120
atagcatgtc aactggactc ctatttgtaa atgttatcaa tctaagcaat ccagctcatc 180
agtctactag tttgcttctt tccnagagat gtcaagtcct caagaatttg atggcttctt 240
ctgcagctat aaccacaagg aacctacaca ttgtaactca ngtcactgc tggctcatga 300
aatgtgtaaa gtagaaccct ccttcccagag aaataagaca ggacaataaa aggtggcggt 360
tttgtacttt acctggattc cattggctgg ttttaccact cctatcagat tgtagtgtaa 420
ttgtgtgatc gcanaccatt anttttccca gtgatgattt aataaaatta tga 473

<210> 170
<211> 386
<212> DNA
<213> mammalian

<400> 170
cacgaccgta ataccagcc catgtttggt gctctgctga gtgggctgcg agaagcggga 60
agaattgcag accagttttt gggggccatg tatacgtgc ctcgccaggc cacaccaggt 120
gttctgcac agcagtcccc aagcatgtga gacagatgca ttctaaggga agaggcccat 180
gtgcctgttt ctgccatgta aggaaggctc ttctagcaat actagatccc actgagaaaa 240
tccaccctgg catctgggct cctgatcagc ttgatggagc tctgatttg acaaaggagc 300

ttgcctcctt tgaatgacct agagcacagg gaggaacttg tccattagtt tggaattgtg	360
ttcttcgtaa agactgaggc aagcaa	386

<210> 171
 <211> 233
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 171	
tcaccacaca ctagccttga tatttgtggc tcccgtctc tcactcccc agttcctttc	60
agacatcttt agtttaaagg tgagctgaaa ttaagaagtt ggaaatccta accangtgtg	120
gtgggattcg cctgtaatcc cagctacttg ggagactgag atganaggat cacattgagc	180
ccangagttt gaggccngcc tgggcaacat ataccctccc ctgacatctn tga	233

<210> 172
 <211> 215
 <212> DNA
 <213> mammalian

<400> 172	
tcgcctaggg aaaagagagt taacggatac aaattacagc tagaaagatg ggaagagtga	60
attccagtgt tctaaagcag ggtaggtgac tacagttaat gattatttat tgtctactta	120
ttgtatatta ttgtatattt tcaaataattg tatattttca aagaggattc tgaatgttcc	180
caacacaaca aaataataaa tatttgaggt gatga	215

<210> 173
 <211> 267
 <212> DNA
 <213> mammalian

<400> 173	
tcgcctaggg tgacctgtta tggaccccca aattctgaga gttcctgcaa caagaatact	60
gctgttgaca ctccagtgga aatcccagca gccttgtag tgcacttgaa agtgggagaa	120
tgctgaccct gatgacttgt actgattcct gagccttaac actgtgctct ttccttctgt	180
atataccatg gtcttacttt ccaactctgt acagatttat ttatggagga gctaggtcca	240
taaatgttgt aataaatatt cctttga	267

<210> 174

<211> 423
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 174
 ggatagtgc cgtgacttnc taacgcataa tattctgtga tacagccttc cgtacatgtg 60
 tgaagtcctg cataactttc gaactttggt aaatgttggc actaggagtc atcagatcta 120
 ggcttcatca ttttccagtg agaagcagag acccaaaggg cctgttactt gtgcttggtc 180
 aggggactgt ctgtcatgcc tggaggctct tcggcacact tccccatctt tcccttctgc 240
 acttgtggct ttcaagcacc tctgttcata gagcgtctct gaaattgagt ctcggtcatg 300
 acttatcccg aagtagagca atgtgtttcc tctcattgta gtttcaggac tttgtcagta 360
 caaagctctg ccctaggctt gttactttat actcatatcc tgaaaagatg tgatttcac 420
 tat 423

<210> 175
 <211> 503
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 175
 tcccntatat gcgccaagnc tgttttggct aatccccata cattaatttt agatattctc 60
 tatttttatgg atagcatttn ccttgtaccc tttaaaaaag acatgtgaaa tgattgacaa 120
 attaaagcac aatgaaaata agatataaat gaaatcagaa gtaagttagc tttaaaaaaa 180
 aaaaaanagt ngggggcana nancctgtn tttgtctcan agnngggcct tntttctttt 240
 taangacctn cancaccttt ntngaccaaa gataccctaa ngaccttaa atngatntgg 300
 ancangtctn tcantctccc tgccctntca gttggctcat aggctctggc agctaagggc 360
 cctgtntccc taagagggtt gtttctcggg nctaatgaca caanganngg cacgggggnt 420
 aatttgncc ggngatgggg ggggggtcaan cgtcccnccc accttncacg gggngngngg 480
 ggggctcccc cctaanntta ncg 503

<210> 176
 <211> 203
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 176
 nttttggctc ctgggttgac aattnggtgg aaacagctnt attgctacta tntaaaaaaa 60
 atcagcaaat ctttcccttt aagctatggt aaattcaaac tattcctggc tattcctggt 120
 ntgtcaaaga attatatatt tcaaaatatg tntatttggt tgatgggtcc caggaaacac 180
 taataaaaac cacagagacc agc 203

<210> 177
 <211> 444
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 177
 gtcctctgct gccctcagga taaagtctgg gaccctcag catggcttgt gagactcatg 60
 gngtccttgt ccctgctcac ctctctgggc tcatcacttg cttcttgca ttctgggtcc 120
 cagcctctg tatccagaga tgcagtggct ctccattgcc actctgattc ctctttctt 180
 ttggtcacag agaaagggtta ctttctctgt caaanennna cttacacttg acttctcca 240
 aggagctnan ggctatactc tnttctcccg acccccaccc tggcatacta cacagatcac 300
 tctgggtca cttgctgcc taatgggtcat ctcccagta gactgtaagc tccttgaggc 360
 caaggattgt gttggaattt ttgtattaac agtgccctgnc ttgngctgc acctagaaag 420
 cactcaataa ntgnttgta atga 444

<210> 178
 <211> 364
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 178
cataacttgaa atccaaggag tctgtgaccg atgcaattct acagacagac cagattctca 60
cagaaaagga aaaggagatt gaagtggaat gtgtaaaagc tgaatctgca caggcttcag 120
caaaaatggt ggaggaaatg caaataaagt atcagcagat gatggaagag aaagagaaga 180
gttatcaaga acatgtgaaa caattgactt gagaagatgg agagggagag ggcccagttg 240
ntggaagagc aagagaagac cctcactagt aaacttcagg aacaggcccg agtactaaag 300
gagagatgcc aagggtgaaag tacccaactt caaaatgaga tacaaaagct acagacgacc 360
ctga 364

<210> 179
<211> 438
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 179
ccagaatcta aaaatgctgc gtatagtgga accttatgtg acctggggat ttccaaatct 60
gaagtctgtc cgagaactca ttttgaaacg tggacnagcc aagggtcaana atangaccat 120
ccctctgaca gacaatacag tgattganga gcacctgggg aagtttggcc gtcatttgct 180
tggaagacct cattcatgaa attgccttcc caggggaagca tttccaggag atctcatggt 240
tcttgtgccc ttccacctc tcagtggccc gtcatgctac caaaaataga gtgggcttcc 300
tcaaggagat gggcacacct ggctatcggg gtgaactgca tnantcacct catccgtcan 360
ctnaactaaa cccaggtgag gcagggctga aaactgncct tgggctgact tttgataggc 420
catgccttgc cactntac 438

<210> 180
<211> 356
<212> DNA
<213> mammalian

<400> 180
acaatttcac acaggataca acgaggaaaa gacattagca aaagacttga ctaagaattt 60
ttacacaaga gaatatccac acggtggctc acacctgtaa tcccagcact ttgggaggct 120
gaggtgggca gataacctga ggtcaggagt ttgagaccag cctggtcaac atggtaaaac 180

tccatctcta	ctaaaaatac	aaaaactaac	ttgggcatgg	tggcaggcac	ctgtaatccc	240
agctactcag	gaggcttgag	gcaggagaat	cacttgaacc	cgggaggcag	aggttgcagt	300
gagctgagat	tgtgccactg	cgctccagtc	tggatgacag	agcaaaactc	catctc	356

<210> 181
 <211> 191
 <212> DNA
 <213> mammalian

<400> 181	
gaagctgtgt	gctctgggta tttcccatte tggatttttc aaatcctttt gttaattttt 60
gaccatggtg	agttcaggcg ttgttattat gttgcttatt atgaatacag tgaggatgac 120
taggtgtaaa	tgaatgtaag gtaacagcta gatctgcctg aggtggagag agactgggtg 180
tgtatttttg	a 191

<210> 182
 <211> 450
 <212> DNA
 <213> mammalian

<400> 182	
taccaatcaa	tctcggttta atcaccaaaa gtgcagagca ggcaaaatgc agctgtttat 60
caatctcaaa	agctttggga cagtgtcata gttgaaagat gagacttaag aaaacagttt 120
cttaaacttc	ttaaaactta agaaacattg tttcataaaa caatattgag tgggcattct 180
tctgcacagt	gtgatgctcc aaccctggcc ctagtctcag tagaccatgc ttgctcgagt 240
gtgcatcgga	gagaagccat gggtagcttc ccattagag gctacttcct tctagtaaca 300
ggaaggggaag	ttccagcatg aggttaagtta tccagggtag aaggtecttt gaggggcttg 360
gttgaattga	gagcatcatc tctagatgat gctgttcctg ctgcagatct ctaggatgga 420
gagaattctc	tctttagtca gagaagttat 450

<210> 183
 <211> 302
 <212> DNA
 <213> mammalian

<220>
 <221> misc feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 183	
tgtttatcac	actgctggat gtcaatgacc cccccctcag tttggaaaga gcgttcagaa 60

gaagacgatg gtgctaggga cccagtgaa aattgaggcc atagacgagg atgcagagga	120
acccaacaac ctggtggatt attccatcac ccatgcagag cccgccaacg tgttcgacat	180
caattcccac acgggggaga tctggctcaa gaattccatc cgctccctgg atgccctgca	240
caacatcaca cctggaaggg actgnctatg gtccttagag gtgcaggcca aggaccgggg	300
ct	302

<210> 184
 <211> 228
 <212> DNA
 <213> mammalian

<400> 184	
tggtggtcct ttcttcctta agtgccaagt gctgagctaa aggaggataa ctttttgggg	60
aagtcatgct gagggtggta gtgtgaccct gcctgaaaaa aggggtctctt accctcccag	120
ccctggctca actctgaaga aggatcttgc tacagaagga gcccttgggc tcccttctct	180
ttgatagcag ttataatgcc cttgttccca ataaaactgg gcagatgg	228

<210> 185
 <211> 443
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 185	
ggcttcctca ggggangggc acacctggct atcggggtga acgcatcaat cagctcatcc	60
gtcaactgan ctaaaccan gtgaggcagg gctgaaaact gcccttgggc tgacttttga	120
taggccatgc cttgccactt tacaagttct ttttgcattt actagtattt aagagtaacc	180
ttgagattgg gaggaataaa ggaggcttgg taaaaataga tgganacctg ctgggatcag	240
ngaatgcctg attacgacat ggggctatgc ataagcctaa gagttatagg cttaaagatg	300
tngagtaact aaaaactgta ttgctggccg ggcgcggtgg ctcacncctg taatcccanc	360
actttgggag gccanggcgg gcagaccatg aggtcangag attgagacca tcctggccaa	420
catgngaaa ccctgttcta cta	443

<210> 186
 <211> 203
 <212> DNA
 <213> mammalian

<400> 186
gctcctacta caaccgggta cacatcctgg ggggagcctc gaccacacct ctttggtcag 60
atgttcgtcc gcctgcagct tctgagagct gtgcgtgagg tgctccatac tggcctggct 120
atgctggggtc tccctccact gagccacatt taaggccaca gaggctccaa tacctgggaa 180
tgttcacaaa gtcatcaact gga 203

<210> 187
<211> 302
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 187
tgtttatcac actgctggat gtcaatgacc cccccctcag tttggaaaga gcgttcagaa 60
gaagacgatg gtgctagga cccagtgaa aattgaggcc atagacgagg atgcagagga 120
accaacaac ctgggtggatt attccatcac ccatgcagag cccgccaacg tgttcgacat 180
caattccac acgggggaga tctgggtcaa gaattccatc cgctccctgg atgccctgca 240
caacatcaca cctggaaggg actgmctatg gtccctagag gtgcaggcca aggaccgggg 300
ct 302

<210> 188
<211> 131
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 188
tctcgttccc gctcaagatc aagacacagg cataggacta gaagcaggag taggacaagg 60
agtaggagtc gagatagaaa gaagagaatt gaaaagccga gaagatttan cagaagttaa 120
agccggactc c 131

<210> 189
<211> 274
<212> DNA
<213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 189
 gattagcgga taacaatttc acacaggacg actccaagca aagatcttcc ctgagattct 60
 cctgtgcctc ctgttggtc tctttgcac tggectcac caccgagtct gtgtcaccac 120
 ctgcttcac ttntncatgg ttggtctgta ctacatcaac aagatctcct ccaccctgta 180
 ccaggcagca gctccagtcc tcacaccagc caaggtcaca ggcaagagca agaagagaaa 240
 ctgaccctga atgttcaata aagttgattc ttg 274

<210> 190
 <211> 157
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 190
 attagcgga aacaatttca cacaggatgg attggtcttc tagtggaata atgccctagt 60
 ttctctgaga tgatgtaagt ggcattgatg tacctaaggc ttaggcttag cttgatttct 120
 gggcccantg tttgtgttnt taagatgcca cctgttg 157

<210> 191
 <211> 403
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 191
 acaatttcac acaggaacgc tagtgtgtat ctatcatgta tgcaatactt tccccctttt 60
 tgctttgcta accaaagagc atatatttta ctgtcagttg tctcaactct tgaatccatg 120
 tggcngtttt ctctgtcctg ctgcttcttt tggcctctc gttttccttc tctttttcga 180
 caatggtaga catgaatgag atatttaaag ttcattggaa atcttcttcc ctacagcagt 240
 aagcaaaaat tagcaaagag ataggtctaa atggcctctc agcttggtat gtgaaaatga 300

gatcacatac tttttaaatc caaatacaaa agcatagtct ctgcaagatt ttgttctttg 360
aatttcttga tattgnattg attattgana ctgncatcat gaa 403

<210> 192
<211> 296
<212> DNA
<213> mammalian

<400> 192
ctgaaaatgc agtcaaggct gctggaaagt acagacaaca aggcagaaat tatattgttg 60
aagatggaga tattatcttc ttcaaattta acacacctca acaaccgaag aagaaataaa 120
atthagttat tgctcagata aacatacaac ttccaaaagg catctgattt ttaaaaaatt 180
aaaatttctg aaaaccaatg cgacaaataa agttggggag atgggaatct ttgacaaaca 240
aattattttt atttgtttta aaattaaaat actgtgtccc ccccccccc taaaaa 296

<210> 193
<211> 420
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 193
aggcatctgg tgcccatagc agantctcaa aaggcaggag aangggacga cgatgaggaa 60
aaccttctctg agggagagat ccctcctccc caagacccca gtgaagaatg ggtggattac 120
gtggactctt tggggcgctc ccggcgctgt atgagaaagg atttgccaga tctgcttgga 180
gatggataaa aatcttcagg ggagactttt tattagtcct gctaatgaaa aaacctatt 240
atctgaagat atgaagaaaa gaacttcagc gccagcaatg ggaggaagaa gaaagagagg 300
ccctgaagag gcccatgggg ccgtacatt atgaagacat tcgggaaaat gagggccggc 360
aactnggtgt tgggtatttt gcctttgccc gagacaagag ttgagaacaa gccgatgaaa 420

<210> 194
<211> 327
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

<400> 194
tgattttttt agtanccgga tcctgtggac aggggtgcagc tctaccagtt cctgtttctt      60
ctgagccaga ccctcttcag ggaagggacc aattaatttt aaaactcact tgaagcacag      120
ctggatcatgg ggcttgggtat aaagttccta tttccaccct gatacttcca attcctggaa      180
ccccagccca ctcccccatc cctcctccct atcaaaactag tataatgatt ttgaatcggg      240
acagtgtggt taactgtaac taagttcaac agactattat tatctttgta ataaattaac      300
ctagcaataa aaattattct gtttcga                                           327

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<210> 195
<211> 336
<212> DNA
<213> mammalian

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```

<400> 195
agtgattagc ggataacaat ttcacacagg atgatgctac ctctgctgct gcactcacag      60
ccacacttga tacacgatga caccttgctt gtttggaac atctaaacat ctagtagatg      120
acttgcaggc tgttggctac cagtttcctg tctgagggtg atatgttaac ttcgtgatca      180
gtttgtatgt ttgggactct tgtcctatgt aaagttaagg tgggccgggt gcagtggctc      240
acgcctgtaa tcctaacact tgggaggccg aggcgggtgg atcacctgat ggtgaaacct      300
catctctact gaaaatacaa aaattagctg agtggc                                   336

```

```

<210> 196
<211> 368
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 196
cgcctagcgg ataacaattt cacacaggat tttggctccc ccaaaaata caaaccaaca      60
gaaacttggt atgcactcat caaaatgtac taatgggtac tctgaactca ttaccattga      120
catctgcatn ntntntnca gggaaaaaat ctcatcttct tttccagtac aaaatagttt      180
gtgaaangat gagggcattt tatctgcttg ctgtgaccan cgtgngtaca cataaacctt      240
aacaangact acaagnatat tccacanagg aactcattt gcngnnatca ncctaantna      300
tanacaatta cnaacttcnn aagcnaggng tcttggctan tancgccaca tttagcagct      360

```

ccacatcn

368

<210> 197
<211> 386
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 197
acgactcact atagggcttt ttttttttcn cataaaaaca agttttaatt tgattgaaaa 60
taaaataaca gtcgtctctg acagnngaga aactatgctc aaangattac tttgaaatan 120
anttttnnnt tatcgtactt tnggattnga catttcatac tgactctcag atagcacata 180
atagagaatc ctccgtcttc taaatngnc tttctctgaa atctgtacaa gtcctttgat 240
aacactatat tattgaaagt ctctggagtg aaacactata cactaattta cagtnataaa 300
tacaaaaaat tggacacggg gggaaaaaaa gttctgattg cctgcnagct gggttctcat 360
cccatggntg ccagtttgnc cagttg 386

<210> 198
<211> 303
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 198
aacaatttcc acaggatttt ggctcctcat tagttatgca aatttctgca gccagcttga 60
atttctctc agaaaatagg acttccttcc tatcacattg tcaggctgca aatttttttt 120
ngtttnatgc ttngttccc ttattaaact gaatgccttt aacagcacgc aagcacctct 180
tgaatgcttt nttgcttaga aatttcttcc accagatacc ctaaatacatt gctcttaagt 240
tcaaagttcc acagatctct gggncagggg gtaaaatgct gcgaggtttg tttgctggaa 300
cgt 303

<210> 199
<211> 267
<212> DNA
<213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 199
 ttagcggata acaattttcca caggacgact ccaaggaaaa gaaatcatta tatcagaaaag 60
 aaacctgaac ttgtaagttt atcgacgac tattcatttc ttatttgttt atttattttt 120
 attttaaaag gttagttctt gagtcagtat gacntgacta tgtaccgagg acacaatctg 180
 aagagttcct gagaaagtgt atctgcagaa gttagactgc actttggttt tatacatttt 240
 agaaagggag gaggttttat acatttt 267

<210> 200
 <211> 197
 <212> DNA
 <213> mammalian

<400> 200
 tggtcgtctg tataactaat ttattgggtg tttctaactt aaaagtaaga ctgcagatta 60
 tccccacca gccttagtcc aggggtgtgg ctctgtccgg gtgcagtatg cagtcagtgtg 120
 gaaccttgct ttctagtcct gggaaaaaaa gatgtctcta attactggct tcaataaaca 180
 cgaatccaga ctgctta 197

<210> 201
 <211> 498
 <212> DNA
 <213> mammalian

<400> 201
 ggtcgtctac ttttaaggtgc attcaacacc acatttctag cataaagaac aaatttgact 60
 tactcgtgat ggagtgttct gccgtgtttt caggctagca catttcggtg atcattactt 120
 aggtggattc ttttaatcta aaacaactca gttttagaat catgtgttta attcatgccc 180
 aagaaccata tcttgtctca aggtacaagt gtagtttcgg ttcagtgaaa ctccaggaaaa 240
 aacattgaag cagctttagt gtttttaaaa taccatgctg agtgactcat tatctttgat 300
 cacacttgct tgaaatttgc acagagaagt aggttgcagc agcttgcctt agaaagattt 360
 ctgagctcta acttattttg tgacctgttg gctaaaattt gacatttata tgccttactt 420
 tgcagtttct tgatcctctg tgaagtcttg agaaagagta ctattgctat ccctcgtaac 480
 aggaagaact tgtgctta 498

<210> 202
 <211> 442
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 202
 atggtcgtct aacagaanta aaatgctgta aatatttgta acaacatntt tttttaacaa 60
 ggccaaaaaa gaaaaaaagg tttttgggaa caaatgaact tataaagtgg ttttatataa 120
 aacatcaatt gtcttgata ttttgataa gcagcagtac cagctttcat ttgtaacagt 180
 ctgtggcatt ggaaaaaaag gagtctgtga ttgttgaagt gaattatgtt ataaatgcaa 240
 agagaagata aaatattaaa aaacatattt tctaaatgcg tagtgcattg ttaattcaag 300
 cttctgtaca ctacagtata ttccattttc gttcagtttg tatatttgct gactattact 360
 tgatatctct aatctctttt cctaacaaat atagcattgt agcatgcctt ttaataaatg 420
 tcatgacatc tgtactctct ta 442

<210> 203
 <211> 411
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 203
 ttagcggata acaatttcac acaggagttg caccatgttg gctaggttgg tcttgaaccc 60
 ctaacctcag gtgatccacc ctcttgacc tcccaaagtg ctgggattac aggcattgagc 120
 cacagtcccn ngcccaatac ttaacatctt tgcattgataa aaacctgaac aagttaggta 180
 taaaaggaag atgtctcaac acattaaagg ccctatatga ccggcccaga gctgaaatct 240
 taacaccgaa gagttgaagg ctttttctct aagatcagga acaagacatg gatgccattt 300
 tttctcttct tgttcagtgt tgtactggaa gtcattagcaa gagcatttag gcaagagaaa 360
 taaagacatc taagtaggaa aagaagaaaa acttgcctct ctgattatct t 411

<210> 204
 <211> 490
 <212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 204

```
tagaagtgan gagatggcca cagttagaaa tcgtatgtct gantgaccgc ggctgcttcc      60
gagaaattga tgagctaata aaaaaggaaa ctaaaggcaa aggttctttg gaagtactca      120
atctgaaaga tgtanaagaa ggagatgaga aatttgaatg acacccatca atctcttcac      180
ctctaaaaca ctaaagtgtt tccgtttccg acggcacatg tttcatgtct gtggtctgcc      240
aaatacttgc ttaaactatt tgacattttc tatctttgtg ttaacagtgg acacagcaag      300
gctttcctac ataagtataa taatgtggga atgatttggg tttaattata aactggggtc      360
taaactcctaa aagcaaaatt gaaactccaa gatgcaaagt ccagagtggc attttgctac      420
tctgtctcat gccttgatag ctttccaaat gaaagtnctt gaggcagctc ttgtggggtg      480
aaaagtattt                                     490
```

<210> 205

<211> 448

<212> DNA

<213> mammalian

<400> 205

```
cactggcatt accgcttgac caggagccct caagcggccc ttatgcaggt gtgacagagg      60
gtcacctct tgccttctag gtcacttctc acaatgttcc ttcagcacct gacctatac      120
ttgccggtta ttcttaggtt atattagtag tgcaacaagg agtaatatta aaagctaattg      180
attaatagtg tttatactaa tgattgataa ttgtccatga tcatctctat atctaatttg      240
tgttgtgact attcttattc tattttcttt attatactga aacagtttgt gccttcagtc      300
tcttgccctc gcacctgggt aatcctttgc ccacacattt ccgggtggct ctgctctcct      360
cttgccattc tctttctaca cacctgctcc aagttctgac tccactccc tcagcccacc      420
ccagtgccca caaccctcct atctctct                                     448
```

<210> 206

<211> 466

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 206

```
ttttcgctcc aggtanncac tctaaacnta aagaaagctc ttctgtccgg ttactttatg      60
cagattgctc ggnatgttga tggatcaggt aactacttaa tgctgacaca taagcaggtt      120
gctcagctgc atccccctgtc tggttactca atcaccaaga agatgccaga gtgggtcctc      180
ttccataaat tcagcatttc tgagaacaac tacatcagga ttacctcaga aatctctcct      240
gaactattta tgcagctggt accacaatac tatttcagta atctgcctcc tagtgaaagt      300
aaggacattc tacagcaagt agtggatcac ctatccctcg tgtcaacaat gaataaggaa      360
cagcaaatgt gtgagacgtg cctgaaact gaacagagat gcactctcca gtgactcccc      420
agcaaacaca aggtgcagca ggggcccaaa ggtagctgga tggctg                        466
```

<210> 207

<211> 341

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 207

```
gggcattntt gaagacaaac gatgtagtac aattgaaaga acattaaaca ntagaacaaa      60
gggcaagcct ctcaacctgg cctgccact aattaattgt gaccttanna caaggaggag      120
cactgaagtc aaataaaaca ttcttttcag taaagcacag agcttgagga ngtgcttgag      180
gaagactgaa attctctgtc caggagggtta aactatatta ttagtaaata ccacaaattt      240
atcagtccat acaatttcta attagtgttt ctgttcttta gggaggcatg ggtagaacaa      300
atatattaac ttatttttta gactacagac atgctttaat t                        341
```

<210> 208

<211> 405

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 208

```
gcggataaca atttcacaca ggacgactcc aagtactaca aagccatcga gggcaagtac      60
```

tgcttcacca	tgtaataata	acataaatgc	agctacagct	gtggctctac	gggaaccccg	120
aaagttaagt	tatgcntgaa	gtgtgccaga	agccccctaa	agagccatct	tcagttcttg	180
tgcagccact	acgggaactt	cgctccaatg	tgggtgtctcc	caccaaaaat	gaagacaatg	240
gagctcctga	gaactccgtt	gagaaaccac	atgagaagcc	agaagcaagg	ggctagtaag	300
ggattatttc	tggcttncca	ggcaatataa	tccccagggg	agcagcaggg	aaaattaggg	360
aacanaacnc	cagttaacct	aaggctttcc	ttagggagt	ctcnc		405

<210> 209
 <211> 295
 <212> DNA
 <213> mammalian

<400> 209	
tgaaattcgc	tgaaataactt aatgtggaat aggataatat acttccaatg ccctcaaggc 60
tgtgacctta	cagccatttt acatagcaca tcattcctcc tatagggatg aactttttcc 120
tggcacgaaa	agtagccgat ctggttgaag ctttgcttat tgtaacaggc ttttatttcc 180
aggtaatatg	tcttgaaga cttaattctg attagagata tagatattac tggaaactaa 240
ttgttttttt	tctattgcct ctgctttatc aaagaagtaa aacattttaa tcgta 295

<210> 210
 <211> 405
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 210	
ggataacaat	ttcacacagg atggattggt cctttacatg ccagctttgc ttgtgaatcc 60
ttgctttttt	cctctcatca gccttaagtt taggcgtttg ntgttctcca gggatgtaga 120
cagttnnntt	cacaagtcac agttcttccc atanatgagg ccctnntgac ctctgcngga 180
ctttaanaat	ctatgcanat atttccgagt nagtggcctn gnttaaattc ttcctgngtg 240
tttctttatt	ccttaaattg gttggtggga naganganga tgctttggga acccnnnngg 300
nntccttagc	gcnnaggatt gcttttaacn aattanncta aaaagncna cttttcannn 360
cccncnntta	cntanacaaa anagccctt tngngggccg cattn 405

<210> 211

<211> 412
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 211
 gcggataaca atttcacaca ggatggtaaa gggcatatatt ctgaaagcac agatgggaag 60
 acgggatttg ttccgtgtcc aggtgattat ggtacctcta tgcgcctggc cggcacntgg 120
 ggacagaggc catgaaaatg aatacagcac agcctttgcc tccaagaaac nttaagacct 180
 agtagaaatg gcaggctttt aaaacagggt gttgggatct gatttggtga gtgcaatgac 240
 agagatactc acagcacaaa atgggggaatg agggcgggca ttgggacaca catagcctta 300
 agggggccaa aggccttttag aactgtattc cctattaaaa catgatttgc acagagcaca 360
 ttctttgctt tggagacctc agaactcctt actataggcc gggcatgggt at 412

<210> 212
 <211> 305
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 212
 cggataacaa ttccacacag gaccaaacc ancaggcgcc ctggcaccgg ggaggcgagt 60
 agttgnactc tgcttgtaga gtccttgagc ccagtttaca gatctggaga gcaggaggcc 120
 attnttnngg acaanggctg gaggatggag taggaccag gngctctgcc atcctaggca 180
 tcattcaagg tcttttatga acactctaca natgtcctcc tgnaantagc anccgagagc 240
 ggcnetcagc tcctttctct nctntnttn gtctgatngc cacacacnta tctgctctg 300
 tggcc 305

<210> 213
 <211> 439
 <212> DNA
 <213> mammalian

<400> 213
 gatacgaaaa atccaattca gcaaaattat atggttggtt tcagtacctc tgaaggtgct 60

atatcaagaa ttctcatgct actctttgag aaaacagatt gcgtttttac ctagaaaatc	120
aactgcaagg cttttttata accttaccce aagtaaaaaa aatacattga aatatactta	180
ataaatgcag actacattac ttgaaaaatg gtaatacaga atgccacttt taatatttga	240
aaatatgaat ttttggtgag aaataatgta aaataaagct tctggtaagg ccttaggcag	300
ttaaattttac atcagtgtaa agtaggatga aaatctgtaa aaaataaaaa caaaaaaaca	360
aacaaaaacc tacaccaaaa aaaccctaac atccaccaat gcatacatat tgatctttgt	420
gctgggaaaa tctaaagca	439

<210> 214
 <211> 393
 <212> DNA
 <213> mammalian

<400> 214	
gtcataaaca aaacagattt gatTTTTTTC ctttatggaa cttaagttct agtgggtggga	60
ggaggacaga aaacagtaaa taactagatt ttgaattgtg ttagcagatg ataactgatg	120
tgggaactta gcaggtagaa ggcaacacaa ggtcaaagaa gccggggatt ccaccttgac	180
tagggagctc agggcaggcc tcaactgagaa agcaccactt gcatgaagga ggtgggaaaa	240
gccttcacct gggggaagag ccttcaggc agagggaaca gccaatgcca aggccctaata	300
gccttgGCCa ctgcctggta tgtccaaaga acaaggagac ctgtgccagc ggctgcagct	360
gagtGagcca gggatgtagg aatgtgtaga ggg	393

<210> 215
 <211> 408
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 215	
agcggataac aatttcacac aggactgcta ggtagacaag attagatggc aggtaagagc	60
tctttgaaaa tgaaaacatt ctgctatttg aatgcaaagt gttcttcttt gcctgtgatg	120
tttcctaatac tgtgaaatca tacntggacc tcgaagcntg tgtgttaaaa aaaaatagca	180
aagtggcttg ggcattggtg ctcatgcctg taatcctagc actttgagag gctgaggggg	240
gtggatcact tgaggccagg agttcgatac cagcctggcc aatatgtgaa acgccatctc	300
tactaaaaat acaaaaattt gccagggtgtg gtggcggtcta cctgtagtcc cagctcctcg	360

ggaggctgag gcacaagaat catttgaact caggaggcag aggttgca 408

<210> 216
<211> 308
<212> DNA
<213> mammalian

<400> 216
tagcggataa caatttcaca caggactgct aggtagaagg aaacaagcat ttatcctaata 60
tttcttgtat agactgtacc tcagggtatt caaatattga taaggaaaaa gtaattcttc 120
atgaaataat tctagctaac aagtagaatt ataataccat catttgcaac cctaatagaaa 180
caataggtcc gagtggtatc aatggctgct aaaagcattg catgaaaagc cagtgggaaa 240
ttttgtaatg gatgaatcta gctggcccca ttgatataac ttaatgttac aaaaaggag 300
atgactct 308

<210> 217
<211> 404
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 217
tagtgattag cggataacaa ttccacacag gagctagcag acaagctggt tttgtaggtg 60
cagaatTTTT ggacaatatt tcaagaaact catgagagtg tgTTTTacag gtatgtaggt 120
ttgtgtgtgt gcacatgtgt gcatgtgtgt cnttaatttg gcatcattat gcacttgtcc 180
acactccata atactagggt atagtcaaaa tttggctttg gccttatgtg tctgtggct 240
taattatgtt ccacttgata catattattt gcttacacag aacagacttt tgctgtgtag 300
gccagctttg ggaggcaaag ctgccaatct gaatctttct cctcaciaag acttcactgg 360
atagaaacca caaagcaatg tttaaacaag caaagtgtgc taaa 404

<210> 218
<211> 368
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 218
taacctggta gtttatcatt ctcgcatcca aagggtactc aatattggta acatcctctc 60
ctgataagca aaacngtcct gccatctgta ttcattgtga ataacaacat tgtcatctac 120
acagcctctt aagctgaaaa ttttgatata tgctaactct ttactaccg tataattaaa 180
cattcattta ttcacacatt tctcnaagct ttgaccatct aaacagatac tggcttatgt 240
gttangaant ataagaaagt ccttgacctc anggagtta tagnttaatt gganagattg 300
acagtnatatt tccagaaant taaattatat ccatgtgatt ggccgcncat ggctatgcct 360
tatccacc 368

<210> 219
<211> 426
<212> DNA
<213> mammalian
<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 219
taggcattat agaggcnmag agactctttg aaaatgaaaa cattctgcta ttggaatgca 60
aagtgttctt ctttgacctg gatgtttcct aatctgtgaa atcactactgg acctcgaagc 120
tgtctattaa aaaaaatagc taagtggctg ggcatgggtg ctcactgctg taatcctagc 180
actttgagag gctgaggggg ttggatcact tgaggccagg agttcgatac cagcctggcc 240
aatatgcgaa acctgcctc ttctaaaagt acaaaaatta gcccggtgtg gtgacatctg 300
cctgtagtcc caactactcg ggaggctgag gcacaagaat catttgagct caggaggcag 360
agtttgcagt gagctgggat ggcgccactg cactccagcc tgagtgcag agtgaggctc 420
tgtctg 426

<210> 220
<211> 307
<212> DNA
<213> mammalian
<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 220

tgtagttaat	ctcaagagaa	tttggggcct	ccaagttgtt	cgggcccaagg	acctgagacc	60
tgaaggggtg	actttaccca	tttgggtggg	agtgttgagc	atctgtcccc	ctttagatct	120
ctgaagccac	aaataggatg	cttgggaaga	ctcctagctg	tcctttttcc	tctccacaca	180
gtgctcaagg	ccagcttata	gtcatatata	tcacccagac	ataaaggaaa	agacacattt	240
tttaggaaat	gtttttaata	aaagaaaatt	acaaaaaaaa	aaannccntn	tagngagtcc	300
naattaa						307

<210> 221
 <211> 409
 <212> DNA
 <213> mammalian

<400> 221						
agaaggaaca	atggtcgtgc	caaaagggcc	gcgggcccg	cagcctattc	gctgcactaa	60
ctgtgcccga	tgcgtgcca	aggacaaggc	cattaagaaa	ttcgtcattc	gaaacatagt	120
ggaggccgca	gcagtcaggg	acatttctga	agcgagcgtc	ttcgatgcct	atgtgcttcc	180
caagctgtat	gtgaagctac	attactgtgt	gagttgtgca	attcacagca	aagtagtcag	240
gaatcgatct	cgtgaagccc	gcaaggaccg	aacaccccca	ccccgattta	gacctgcggg	300
tgctgcccc	cgtccccac	caaagcccat	gtaaggagct	gagttcttaa	agactgaaga	360
caggctattc	tctggagaaa	aataaaatgg	aaattgtcaa	aaaaaaaa		409

<210> 222
 <211> 333
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 222						
ctntgggtaa	tcnccctggc	cttggctgcc	ctccttggtg	tggacaggg	agtgccagt	60
gcagcaggaa	agctcccttt	ctcaagaatg	cccatctgtg	aacacatggt	agagtctcca	120
acctgttccc	agatgtccaa	cctggctctg	ggcactgatg	ggctcacata	tacgaatgaa	180
tgccagctct	gcttggcccc	gataaaaacc	aaacaggaca	tccagatcat	gaaagatggc	240
aaatgctgat	cccacaggag	cacctcaagc	catgaagtgt	cagctggaga	acagtgggtg	300
gcatggagag	gatatgacat	gaaaaaaaaa	aaa			333

<210> 223
 <211> 232
 <212> DNA
 <213> mammalian

<400> 223
 cccttgccag ctggttagcct tagagtgatt gcagtgaaca ctgtttacac accgtgaatc 60
 cattcccatc agtccattcc agttggcacc agcctgaacc atttgggtacc tgggtgttaac 120
 tggagtcctg tttacaaggt ggagtcgggg cttgctgact tctcttcatt tgaggtcaca 180
 tttttccccc gtgggggaaat aaactgactt tggactgctt caaaaaaaaa aa 232

<210> 224
 <211> 463
 <212> DNA
 <213> mammalian

<400> 224
 tcttggttttc ttcctcctcc ttaagcctct gctcctcgtc ctgtttgtcc ttcatttgtt 60
 tctctgctgc ctttggttacg cccacgtct cgttgccaaa ctctcagcg tatgcctcat 120
 cgttggtgat gaggaagttg tcaaagatgg tgccagactt gacctgccag aggtccaggc 180
 ccagcacgcc aaagttatca taggcataga tacatgggat cgggagaata ctcggggttg 240
 tcaatttctg ggtggatcca agtgcccttg taatctgggt tgtcgatctg ccggggcttc 300
 cactcaccct tgtactcagg gttctgaatc actggggggt cccactctcc gtccatctct 360
 tcatcccagt cctcgggctt cttagcatca gggtcagggg tatgctcggg cttgtcccag 420
 tcctcaggct tggagtcgtc ctgtgtgaaa ttgttatccg cta 463

<210> 225
 <211> 388
 <212> DNA
 <213> mammalian

<400> 225
 cgtcccctga cgagttctat gtatgtccct gggaagctgc atgatgtgga acacgtgctc 60
 atcgatgtgg gaactgggta ctatgtagag aagacagctg aggatgccaa ggacttcttc 120
 aagaggaaga tagattttct aaccaagcag atggagaaaa tccaaccagc tcttcaggag 180
 aagcacgcca tgaaacaggc cgtcatggaa atgatgagtc agaagattca gcagctcaca 240
 gccctggggg cagctcaggc tacttgctaa ggctgagag tttttgcaga aatggggcag 300
 agggacaccc tttgggcgtg gcttcctggt gatgggaagg gtcttgtgtt taatgccaat 360
 aaatgtgcca gctgggcaaa aaaaaaaaa 388

<210> 226
 <211> 494
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 226
 ctctctctctg tctaccttaa tcatgaaacc gaatnntngg ggtngtattc tccccaccct 60
 canctcctcc tgttctcacn agggatgtga gggaaactgaa cnetgggtgcc nngctangng 120
 gtangggcct ctccctcact gnnngactgn agctggnetc ctgtatacct gangggtecn 180
 tctntntagg gnetcctgta nggcttatga ctgtgaatcc ttgatgtcat gattntatgt 240
 gacnattcct aggagtcctt gcccttagag tntgagcagg gctggacccc aanccctcc 300
 ctcttccatg gagagaagag tgatctggct tctcctcgga cctgtgngaa tatcattcta 360
 ttaatggntc ccgagacgtt ntttggtgaa ggangnccat ccctgggcat tatctgctat 420
 gctgannagc tcctctctgg ncntgctnng gggctgnatt tgatatattt ntataannct 480
 tncnccaaaa aaaa 494

<210> 227
 <211> 287
 <212> DNA
 <213> mammalian

<400> 227
 gaatattgta agtcagccct gggacccgag gatttctggg accccgcagt tgggaggagg 60
 aagtagtcca gccttccagg tggcgtgaga ggcaatgact cgttacctgc cgcccatcac 120
 cttggaggcc ttccctggcc ttgagtagaa aagtcgggga tcggggcaag agaggctgag 180
 tacggatggg aaactattgt gcacaagtct ttccagagga gtttcttaat gagatatttg 240
 tatttatttc cagaccaata aatttgtaac ttgcaaaaa aaaaaaa 287

<210> 228
 <211> 300
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 228
 caatggtaaa cctcgagaca acaaacaagc aggggtgttt gaaccaacca tagttaaagt 60
 taagagtttg aaatttgcaa cagaagctgc aatcaccatt cttcgaattg atgatcttat 120
 taaattacat ccagaaagta aagatgataa acatggaagt tatgaagatg ctgttcactc 180
 tggagccctt aatgattgat ctgatgttcc ttttatttat aacaatgtta aatgcaattg 240
 tcttgtaccn tgagttgagt attacacatt aaagtaaagt acaagctgca aaaaaaaaaa 300

<210> 229
 <211> 306
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 229
 gctttggagt tctgcctgga gtggttcaac agtctctggt gcaagtctaa taagagatca 60
 ggcntatata tctgcctttg cataatatta tgggtgccctt attgatatat ggtaaggggtg 120
 tactagggga ttaggatgat tgtaagagaa tgagaaagat gaccaaagg ttggtggttag 180
 ggaggctttt tcttatttcc aaatacttga gaaattacct tttggtttac aaatctatga 240
 tcaacttatt ccattaaata gatacattaa aaaaattaaa aactgattct tctgcaaaaa 300
 aaaaaa 306

<210> 230
 <211> 317
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 230
 gagcttgtgc tcaggagtcc agcncgtcca gcctcggggt gtaggtttct gaggtgtgcc 60
 attggggcct cagccttctc tggtgacaga ggctcagctg tggccaccaa cacacaacca 120
 cacacacaca accacacaca caaatggggg caaccacatc cagtacaagc ttttacaat 180
 gttattagtg tcctttttta tttctaagtc cttgtcctct taaaagntat tttatttggt 240
 attattattt gttcttgact gntaattgtg aatggtaatg caataaagtg cctttgttag 300

atggcaaaaa aaaaaaa 317

<210> 231
<211> 279
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 231
cggntnantt nctgngggac ccaacnaaac gcaccnnngc tntnattnag gtacactgca 60
tcagcacaga atttactccc ggangcacgg aggtgaaaag ggagtgcctt ttaggatcca 120
ggttgacncc tttaagcaca atgaaaatgg agaatacaca gatcatntac actcagctag 180
ctgccaaatc anagttttta agcctaaagg tgcagacang aaacanaaaa cttgaccgag 240
agaatatgga gaagagaaca gctcatgaaa aaaaaaaaaa 279

<210> 232
<211> 485
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 232
tctgacaang tagnagnagg acatctgtgn ccagattnc cttctacngt ggccgactta 60
ccttgtgatt ttatgcaccc tntangaccc cttcatnngt ctncacaaca ccaacagcaa 120
atggggcagg ttttacagca gcagaatata caacaaggat caattaattc accctccacc 180
caaactttca tgcagactaa tgagcgaagg caggtaggcc ctccttcatt tgttcctgat 240
tcaccatcaa tccctgttgg aagcccaaat ttttcttctg tgaagcaggg acatggaaat 300
ctttctggga ccagcttcca gcagtcccca gtgaggcctt cttttacacc tgctttacca 360
gcagcacctc cagtagctaa tagcagtctc ccatgtggcc aagattctac tataacccat 420
ggacacagtt atccgggata nccaatcgt cattcagttg tatttgatat atccagagga 480
aaaag 485

<210> 233
<211> 449

<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 233
caccctcttc tgaacacctg ctgcctgggc ttcatacatg tcgcctactc cgtgaagtct 60
agggacagga agatgggttg cgacgtgacc ggggcccagg cctatgcctc caccgccaag 120
tgcctgaaca tctgggccct gattttgggc atcttcatga ccattctgct catcatcatc 180
ccagtgttgg tcngtccagg ccagcgata gatcaggagg catcattgag gccaggagct 240
ctgcccgtga cctgtatccc actgtactct atcttccatt cctcgccctg ccccagagg 300
ccaggagctn tgcccttgac ctgtattcca ctactcccc ttccattcct cgccctgtcc 360
ccacagcccg agtctgcat cagcccttta tcctacacgc ttttctacan tggcattaat 420
aaagtgatat gtttctggaa aaaaaaaaaa 449

<210> 234
<211> 480
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 234
gcctaccaag gatgtgcatg agtgtggcct tctcctctga caaccggcag attgtctctg 60
gatctcgaga taaaaccatc aagctatgga ataccctggg tgtgtgcaaa tacactgtcc 120
aggatgagag ccactcagag tgggtgtctt gtgtccgctt ctgcccac acgagcaacc 180
ctatcatcgt ctctgtggc tgggacaagc ttgggtcaagg tatggaacct ggctaacttg 240
caagctgaag accaaccaca ttggccacac aggctatctg aacacggtga ctgtctctcc 300
agatggatcc ctctgtgctt ctggaggcaa ggatggccag gccatgttat gggatctcaa 360
cgaaggcaaa cacctttaca cgctagatgg tggggacatc atcaacgccc tgtgcttcag 420
ccctaccgnt ctgctgtgtg ctgcacagcc ccacataaga ttgggattag aggaaagatc 480

<210> 235
<211> 241
<212> DNA

<213> mammalian

<400> 235

tttcttctcc cttgcctttg actccttgac tagtgcagag gctttaagta gtttaaaatg	60
ggcttttgct tttctaggtc attaacgttt tttatttagt ttcttttagcc aatagtggct	120
gagtttcgca cttgattttc aatattttat agtaagaaat gacaaactgc tttgtttcat	180
ttcataaaca aactctgcat ttagataact attaaagggtt gttaagacga aaaaaaaaaa	240
a	241

<210> 236

<211> 345

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 236

ttcagttcaa ataattaagg ctcttctnga ctgcagtgac ttccccacac attgaaattc	60
atgagggtac tatcctgcag acagtgagaa catgttacia tatctatttg gccagcaaaa	120
atctcatcaa tcaaaccctg ccaaggctac ccttactcag atgctgaacg tcattttcac	180
ccgcatggaa aaccaagtgt tgcaggaggc cagagaactg gaaaaaccaa tccagtcaaa	240
acccagtcct cctgtgatcc aagctgcagc aggtatcccc aaagttcgtt cgtttgaagc	300
acagtcaggc acaaagcaaa ccaacaactc ccgaaaaaaaa aaaaa	345

<210> 237

<211> 487

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 237

ctccgnatcg gtcgnaaatg gcanagggtgg angagacact gaagcgactg canagccaga	60
agggagtgcg gggaatcatc gtcntgaaca cagaaggcnt tcccatnang agcaccatgg	120
acaacccac caccaccan tatgccaacc tcatgcacag cttcatcctg aaggcacgga	180
gcaccgtncg tgacatcaga ccnccagaac gatctcacct tccttctgaa ttcgctccaa	240

gaaaaaatga aattatggtt gcaccaaata aanactat	300
caaccgaata agcncctctc ttggctccct gtgtcattcc ttaattta	360
aatgttaatg tcaatcatgt cagtggacta ncacatggca gtcgnttgga ccnactcccc	420
caatccantg accgtgtgtg gctgcggttt tttccccacc acggaaccct gtgtgnccac	480
cttccca	487

<210> 238
 <211> 211
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 238	
aatgacccat agtgtgagaa cttccaacaa gctcaaagt cccttgagac tccccaat	60
ctaataaggc atgcgaaatg ttctcatgaa ctaccccaca acacgcctaa aactcaaac	120
acccaaaaat atctcctcca atgtcctgan acatgaaccc aaaaagagac ccacaataaa	180
ctcgtgactt gtcccctcga aaaaaaaaaa a	211

<210> 239
 <211> 367
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 239	
ctttggaaag ccccgaggca cntgtggcnc cgggttcaca ttggccaagt tatcatgtcc	60
atccgcacca agctgcagaa caaggagcat gtgattgagg ccctgcgcag ggccaagtcc	120
aagtttcctg gccgcagaag atccacatct caaagaagtg gggcttcacc aagttcaatg	180
ctgatgaatt tgaagacatg gnggntgaaa agcggctcat ccagatggc tgtgggggtca	240
agtacatccc cagtcgtggc cctctggaca agtggcgggg ccctgcgctc atgagggctt	300
ccaatgtgct gccccctct taatactcac naataaaatt ctacttctg tccgaaaaaa	360
aaaaaaa	367

<210> 240
 <211> 451
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 240
 natgaccagc acactggact ccgaggtggt tcagacattn cagaggggag cagtggccat 60
 catcctcccg ccaggagctt ntctgttctt ggcacatag actgtacgtt atgaanaata 120
 cccanganga ctttgtgact gncacttgct gctttttctg cgcttcagta acaagtgttg 180
 gcaaaactata ttttctcttg gccctgcct gctggagatc ancatgcctg tcctttcagt 240
 ctgatccatc catctctctc ttgcctgagg ggaaagagag atgggccacn gcagagaaca 300
 gaactggagg cagtccatcn agggaaatgg cgactgtgcg gccataccmn gcgaaacgna 360
 nggantgcta tncnagangc ntttatcang gtgtggncn tgcacancnt gtntcacnecg 420
 tttantaaag ccttatnnnc nttaaaanaa a 451

<210> 241
 <211> 361
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 241
 catctccctc ccttttcttc tctctgtggt ggagaacca gctgcagagt aggcagctgc 60
 ctccaggatg anttacttga aatttgcctt gagtgtgtta cctcctttcc aagctcctcg 120
 tgataatgca gacttcctgg agtacaaaca caggatttgt aattccttac tgtaacgnag 180
 tttacagcca gggcatgatg ctttgggtgtg gccancactc tgaaactgag aaatgttcan 240
 aatgtactgg aaagatgatc anctatcttc aacataactt gaaggcatat gctggcccat 300
 aaacaccctg taggttcttg atatttataa taaaacttgg tgttttgtaa aaaaaaaaaa 360
 a 361

<210> 242
 <211> 429
 <212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 242

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tccttcnact ttcagtagca ctcgttttac atatgcttat aaaagaagtg atgtatcagt      60
aatgtatcaa taatcccagc ccagtcaaag caccgccacc tgtaggcttc tgtctcatgg      120
taattactgg gcctggcctc tgtaagcctg tgtatgttat caatactgtt tcttctctgtg      180
agttccatta tttctatctc ttatgggcaa agcattgtgg gtaattgggtg cttggctaac      240
attgcatggg cggatagaga agtccagctt gtgagtctct ccccaaagca gcccacagt      300
ggagcctttg gcttggaagt ccatgggcca ccctgttctt gtccatggag gactccgagg      360
ggttccaagt atactcttaa gaccctctg tttaaaaata tatattctat gtatgcgtaa      420
aaaaaaaaa                                     429
```

<210> 243

<211> 482

<212> DNA

<213> mammalian

<400> 243

```
atgatgtaga tgacactgat gattctcacc agtctgatga gtctcaccat tctgatgaat      60
ctgatgaact ggtcactgat tttcccacgg acctgccagc aaccgaagtt ttcactccag      120
ttgtccccac agtagacaca tatgatggcc gaggtgatag tgtgggttat ggactgaggt      180
caaaatctaa gaagtttcgc agacctgaca tccagtacct tgatgctaca gacgaggaca      240
tcacctcaca catggaaagc gaggagttga atgggtgcata caaggccatc cccgttgccc      300
aggacctgaa cgcgccttct gattgggaca gcccggtggga aggacagtta tgaaacgagt      360
cagctggatg accagagtgc tgaaaccac agccacaagc agtccagatt atataagcgg      420
aaagctaatz atgaagcatg acattccgat gtgattgata gtcaggactt tcaaagtcac      480
cg                                             482
```

<210> 244

<211> 241

<212> DNA

<213> mammalian

<400> 244

```
cttgaactcc tggccccagt gagtgtaatz tctcccatgc caaagtactt ttatcttaaa      60
```


ttgcttattt ttttgtttat ttttttaact gactctgttt acaaaattaa ctttttatct	120
agtgacagct agattgtatc acatttgtca tctatggaca actgattttt agttgtttta	180
tatggtaagt ttattattgt ttttccttat ttaagaaaca ggatctgagt aaaaaaaaaa	240
a	241

<210> 245
 <211> 334
 <212> DNA
 <213> mammalian

<400> 245	
agattgaaaa acgagacaaa tatagccgga gacgtcctta taatgatgat gcagatatcg	60
actacattaa tgaaaggaat gccaaattca acaagaaagc tgaaagattc tatgggaaat	120
acacagctga aattaaacag aatttggaag gaggaacagc tgtctaattc cttcaagaac	180
tgtttataga agcttgagaa tggggtaaaa atttctgcta gcaaaatcaa gttctttttg	240
aaattttatc agtaatccag aatttagtag tccatgcctt ctcactcagc atttagaaat	300
aaaaatgtgg tttcttaaac gtaaaaaaaaa aaaa	334

<210> 246
 <211> 286
 <212> DNA
 <213> mammalian

<400> 246	
ttgacctaaa cttccaggca ggattcttaa tgaaaaaaga ggtacaggat gaggagaaaa	60
acaagaaatt tggcctttct gtgggccatc acttgggcaa gtccatccca actgacaacc	120
agatcaaagc tagaaaatga gattccttag cctggatttc cttctaacat gttatcaa	180
ctgggtatct ttccaggctt ccctgacttg ctttagtttt taagatttgt gtttttcttt	240
ttccacaagg aataaatgag agggaatcga ctgtaaaaaa aaaaaa	286

<210> 247
 <211> 481
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 247	
tgantagttg acggctagcg gggagctagt tccgccgcac agttatagtg ttgatgtgtg	60

aacgctgacc tgcctgtgt gctaagagct atgcagctta gctgaggcgc ctagattact	120
agatgtgctg tatcacgggg aatgagggtgg ggggtgcttat tttttaatga actaatcana	180
gcctcttgag aaattgttac tcattgaact ggagcatcaa gacatctcat ggaagtggat	240
acggagtgat ttgggtgtcca tgctttttcac tctgaggaca tttaatcgga gaacctnctg	300
gggaattttg tgggagacac ttgggaacaa aacagacacc ctgggaatgc agtttgcaag	360
gcacaagatg ctgccaccag tgcccnttga ccacctggt gtgactgctg acttgccagc	420
gtggtacctc catgctgcag gctccatcta atgagacacc aacncactgn cactgttaca	480
a	481

<210> 248
 <211> 266
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 248	
nccctgcccc ccccaacacg tgcttatgta acccgtggaa agcggcccct gctgcccctc	60
cacacacaca tacacactca ctgatctaca gcccctgttc ggcgtcagag tccccactag	120
accagtgga aggggttaga gaccaagtag gggccagttt ccaattcacc ctgtcagga	180
gtgagnnnga tctgacgttc cttgtgactt aagggtccgg cttgggaatt aaagtttggt	240
tctggccttt agcctaataaaa aaaaaa	266

<210> 249
 <211> 490
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 249	
tctcttccc cctctgatga gcagttgaaa tctggaactg cctctgttgt gtgcctgctg	60
aataacttct atcccagaga ggccaaagta cagtggaagg tggataacgc cctccaatcg	120
ggtaactccc aggagagtgt cacagagcag gacagcaagg acagcaccta cagcctcagc	180
ancaccctnn cncttgagca aagcagacta cgagaaacac aaagtctacg cctgcgaagt	240

cacccatcag ggcctgagct cgcccgtcac aaagagcttc aacaggggag agtgttagag	300
ggagaagtgc ccccacctgc tcctcagttc cagcctgacc cctcccatc ctttggcctc	360
tgaccctttt ttcacagggg acctaccctt attgcggcct tcagctcatn tttacctnac	420
cccctctctc ttggtttaat tatgctaata ttggaggaaa tgaataatna ngtgatcttt	480
naaaaaaaaa	490

<210> 250
 <211> 491
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 250	
tcacctctgt cttcatcttc ccgccatctg atgagcagtt gaaatctggg aactgcctct	60
gttgtgtgcc tgctgaataa cttctatccc agagaggcca aagtacagtg gaagggtggat	120
aacgcctcc aatcgggtaa ctcccaggag agtgtcacag agcaggacag caaggacagc	180
acctacagcc tcagcagcac cctgacgcnt gagcaaagca gactacgaga aacacaaagt	240
ctacgcctgc gaagtcaccc atcagggcct gagctcgccc gtcacaaaga gcttcaacag	300
gggagagtgt tagagggaga agtgcccca cctgctctc agttccagcc tgacccctc	360
ccatcctttg gcctctgacc ctttttccac aggggacctt cccctattgc ggtcctccag	420
ctcatcttta cctacccctt cctctccttg cttaatttgc taatgttgga ggagatgaat	480
aataaagtga c	491

<210> 251
 <211> 484
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 251	
ccctctgtct tcattctccc gccatctgat gagcagttga aatctgggaa ctgcctctgt	60
tgtgtgcctg ctgaataact tctatcccag agaggccaaa gtacagtgga aggtggataa	120

cgccctccaa tgggtaact cccaggagag tgtcacagag caggacagca aggacagcac	180
ctacagcctc agcagcacc tgacgcttga gcaaagcaga ctacgagaaa cacaaantct	240
acgcctgcga agtcacccat cagggcctga gctcgcccgt cacaaagagc ttcaacaggg	300
gagagtgtta gagggagaag tgccccacc tgctcctcag ttccagcctg accccctccc	360
atcctttggc ctctgaccct tttccacag gggacctacc cctattgcgg tcctccagct	420
catctttacc tcacccccct cctcctcctt ggctttaatt atgctaattg tggaggagat	480
gaaa	484

```

<210> 252
<211> 262
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

<400> 252	
gcagtttnta ttaaananta gtgtgaaatg aatgaaatag aagaaggtaa aaataaggaa	60
caagcaataa acagttcaga gaacataatg gacatcaatg aggaaccagg aacaactgaa	120
ggtgaagaaa tcctgagtca agtagcactg aagaaatgga ggtcagaagt gtggtggctg	180
atactgacca aaaggcttta ggaagtgaag ttcaggatgc ttctaaagtc actactcana	240
tagataaaga gaaaaaaaaa aa	262

```

<210> 253
<211> 359
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

<400> 253	
tctcaaggac ttcaaactct actcccctaa tagctttttg atgacttcta gcaagcctcg	60
ctaacctcgc cttaccccc actattaacc tactgggaga actctctgtg ctagtaacca	120
cgttctcctg atcaaatatc actctcctac ttacaggact caacatacta gtcacagccc	180
tatactccct ctacatattt accacaacac aatggggctc actcaccac cacattaaca	240
acataaaacc ctcattcaca cgagaaaaca ccctcatgtt catacaccta tccccattc	300

tcctcctatc cctcaacccc gacatcatta ccgggttttc ctcttanaaa aaaaaaaaaa 359

<210> 254
 <211> 210
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 254
 catagnccca tcaccctcct taacctctac ttctacctac gcctaatacta ctccacctca 60
 atcacactac tccccatatac taacaacgta aaaataaaaat gacagtttga acatacaaaaa 120
 cccaccccat tcctccccac actcatcgcc cttaccacgc tactcctacc tatctcccct 180
 tttatactaa taatcttaga aaaaaaaaaa 210

<210> 255
 <211> 257
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 255
 gtcgcancag gggcantagg gtgggggttnc cctgggaagc agctggctag tggcttatta 60
 cttgtgactg gacctctggt cctcaatcga gttcctctac gaagaacaca ccagaaattt 120
 gtcattgcca cttcaaccaa aatcgatatac agcaatgtaa aaatcccaaa acatcttact 180
 gatgcttact tcaagaagaa gaacttgtgg aagcccagac accaggaagg tgagacttcg 240
 acacagaaaa aaaaaaa 257

<210> 256
 <211> 392
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

```

<400> 256
tgcgctccag gcatgcttag gtgccttcng aaagccccag ggcactgtgg ccaggggttca      60
cattggccaa gttatcatgt ccatccgcac caagctgcag aacaaggagc atgtgattga      120
ggccctgcgc agggccaagt tcaagtttcc tggccgccag aagatccaca tctcaaagaa      180
gtggggcttc accaagttca atgcttgntn aatttgaaga catggtggnt tgaaaagcgg      240
ctcatcccan atggctgtgg ggtcaagtac atccccagtc ntggccctct ggacaaagtg      300
gcgggccctg cactcatgag ggcttccaat gtgcttgccc ccctcttaat actcaccaat      360
aaattctact ttcctgtcca gaaaaaaaaa aa                                     392

```

```

<210> 257
<211> 500
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 257
ttgctttatg aaactgcnct cctgtcttct ggcttcagtc tggaagatcc ccagacacat      60
gctaacagga tctacaggat gatcaaactt ggtctgggta ttgatgaaga tgaccctact      120
gctgatgata ccagtgctgc tgtaactgaa gaaatgccac cccttgaagg agatgacgac      180
acatcacgca tggaanaant agactaatct ctggcttgag ggatgactta cctgttcagt      240
actctacaat tcctctgata atatattttc aaggatgttt ttctttattt ttgttaatat      300
taaaaagtct gtatggcatg acaactactt taaggggaag ataagatttc tgtctactaa      360
gtgatgctgt gataccttag gcactaaagc agagctagta atgctttttg agtttcatgt      420
tggtttattt tcacagattg gggtaacgtc actgtaaacg tatgtacatg atgtacttgt      480
gtgggctaag tgttanctgc                                                    500

```

```

<210> 258
<211> 375
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 258

```

accatnaatc ctntctcang gacttcaaac tctactccca ctaatacgct ttttgatcga	60
cttctagcaa gcctcgctaa cctcgctta cccccacta ttaacctact gggagaactc	120
tctgtgctag taaccacggt ctctgatca aatatcactc tcctacttac aggactcaac	180
atactagtca cagccctata ctccctctac atatttacca caacacaatg gggctcactc	240
accaccaca ttaacaacat aaaaccctca ttcacacgag aaaacaccct catgttcata	300
cacctatccc ccattctcct cctatccctc aaccccgaca tcattaccgg gttttcctct	360
tacaaaaaaaa aaaaa	375

<210> 259
 <211> 376
 <212> DNA
 <213> mammalian

 <220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 259	
ttcatcttat cctaaccaaa tgagaataat gacatattga aaacagcctc tagcttcagg	60
ctgggcacgg tggctcacag ctataatctc agcactttgg gaggctgagg tgggagaatt	120
gcctgagccc aggagttcaa gaccagcttg tgcaatatag ggagactccg gctctacaaa	180
aaagagtttt tcaaaattag ccaggcngaa gtggcacaca tctgtggtcc cagggtgctca	240
ggaagctgag gtgggaggat cacttgagcc caattcaaag ctgcagtgag ctngtaattg	300
catcacttgc actccaacct gggcaacaga gtaatgacct tgtcttaaaa aaaaataaaa	360
acataaaaaa aaaaaa	376

<210> 260
 <211> 194
 <212> DNA
 <213> mammalian

 <220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 260	
gttngcgggt gaggaacgcg gccaacagga cgggctatgt accgtccaac tacgtggagc	60
ggaagaacag cctgaagaag ggctccctcg tgaagaacct gaaggacaca ctaggtgagt	120
gtttcacctc cgagagagga agccttgtgc atttcaaggg acacatgttc gtctttctag	180

ttagtttgct gttt

194

<210> 261
<211> 406
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 261
tgatttaata cgactcacta tagggctttt tttttttgan cgaaggga aa attcccgtt 60
tttatttttg taaangtatc catatatagn catcgacatg acagatgagg aancccatga 120
agtttccac tagtcanata tncattttca cttcatcana agcacctgat atctacngct 180
aatTTataat tanatnctgt ttcaatgaan ccaaaangan ccctacaagt tcctataanc 240
aaaagcttcc aangtactag gacagtcagt aattaangca tcatttcana ggattatggc 300
tgttccttaa gaagtgaag ttcaancctg tcaacaccag aggtaatcat tttatattaa 360
tttatccgna taccattaa atctttatct gagtatacat atgaaa 406

<210> 262
<211> 391
<212> DNA
<213> mammalian

<400> 262
attagcggat aacaatttca cacaggatgg attgggtccga agggccacgt gatctcccag 60
atagcacagg aggcaggcca tgacctcatg gacatcttcc tctgcatgt tgacatccgc 120
ctctctgtga agctcctcaa gtgaccaccc tctactgacc ctcccagggc attccagctc 180
aagctgctgg caggaactga ccagttctgt ccttggctgg ggaccctcca ggcactggtg 240
agagacatga aactgactg gccactagct tggcctggcc ctgttgagtc tgcacagtcc 300
ctgccagct gtgtcttctg ttggaagaag gaacctgcct tagctcagtt tccaggtggt 360
tcctctgcct ggcaccacag ctacaagggtg t 391

<210> 263
<211> 307
<212> DNA
<213> mammalian

<220>
<221> misc_feature

<222> ()..()
 <223> "n" is an unknown nucleotide

<400> 263
 aagaacaggc aggaggtaaa aagatgatgg gaaggtgtgg tagactaagg gcccggttat 60
 tgggtgaaat ttgagattgt aggccaactg tattttcaag cttctgaact taggcaaaat 120
 attcatcgca aagtctctag ctgtcatatt tttctcacc aaattacgtt tccacgagat 180
 tatttatata tagttgggtct atctctgcag tccttgaagg tgaagttgtg tgttactagg 240
 cttgtgtttt gggatgtcan cagtggcctg aagtgagttg tgcaataaat gttaagttga 300
 aacctca 307

<210> 264
 <211> 192
 <212> DNA
 <213> mammalian

<400> 264
 tcgagggccc tctctcagtt ctgggaggat gactccagtc cctgcacgcc ctggcacacc 60
 cttcacgggt gctaccagg cgccaagct ccagaccgtg ccagaccag gtgccccagt 120
 gcctttgtct atattctgct cccagcctgc caggcccagg aggaaataaa catgccccag 180
 ttgctgatct ca 192

<210> 265
 <211> 243
 <212> DNA
 <213> mammalian

<400> 265
 tctgttgag atgaccagga aattcacatc tatgattgtc caatttaaac atcaaagtct 60
 ccaggcttat gctgcaaaga gaatgtacgg attgatcatg acattcctta ctttcttagg 120
 cttgtttaaa agaaatatag catttattgt agcaaagact taaattttgt agatacaata 180
 tgaatctttt catgttttat tggaaatgct gttcatactt taacataaag ctttcttaat 240
 gca 243

<210> 266
 <211> 400
 <212> DNA
 <213> mammalian

<400> 266
 gataacaatt tcacacagga tacaacgagg ggacgtaacg gaggcagggt ggagccgctg 60
 ccgtcgccat gaccgcggt aaccagcgtg agctcgcccg ccagaagaat atgaaaaagc 120

agagcgactc	gggtaaggga	aagcgccgag	atgacgggct	ttctgctgcc	gcccgcaagc	180
agaggggctc	ggagatcatg	cagcagaagc	agaaaaaggc	aaacgagaag	aaggaggaac	240
ccaagtagct	tttgtggctt	tcgtgtccaa	ccctcttgcc	cttcgcctgt	gtgcctggag	300
ccagtcccac	cacgctcgcg	tttcctcctg	tagtgctcac	aggtcccagc	accgatggca	360
ttccctttgc	cctgagtctg	accgggtccc	ttttgtgctt			400

<210> 267
 <211> 394
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	267					
gtgatttaat	acgactcact	atagggcttt	ttttttttgc	tgggtnccaa	atttctttat	60
ttgaagggaan	ggtncaaata	aaanaactta	agnnggatgtt	tnggtncaac	tnatanaaaa	120
ggtaanggaa	nccccancat	gcatgcnctt	gccttgngga	ccaggnaagc	cnccccacgg	180
ntatggggaa	attaccccgga	ggcttacctt	ncattatcac	tggtttccca	ggnggggctn	240
gccaaanana	tattccccca	accanattc	gggcegtctc	catcttgccc	aagttgncca	300
cgcggccccc	ccaattcttt	tgancgcctt	nccccctgct	catncnggaa	gngngcccca	360
nggnanccnc	accaannggg	gnncattttt	nncc			394

<210> 268
 <211> 343
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	268					
ggtccttata	ccgatgtcnc	ctctgccttt	tgtttttcag	cttcagagaa	gaccaatata	60
atcccaggga	cctgggtctc	tgggagagga	aggaagaggg	aggagcaaaa	gagattgggg	120
tatgtccctt	gtagtacact	cttacctctt	acttctctaga	ctttgatttc	tccggcagcc	180
cagatgttca	gttctcttgg	cccctctcta	ccccttactg	ggatctgggt	ttcattttcc	240

ggtccttttg ccatacacag ttacagagat cagtcaaatac cataccacca cttgagatct 300
catttattgc cacagatgca caaaataaat aaccctaaat cgc 343

<210> 269
<211> 279
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 269
caatgcccgg ggataaccag cgttatcaac cagaagctaa aggatgatga ggttgctcag 60
ctcaagaaaa gtgcagatac cctgtgggac atccagaagg acctaaaaga cctgtgacta 120
gtgagctcta ggntgtagaa atttaaaaac tacaatgtga ttaactcgag cctttagttt 180
tcatccatgt acatggatca cagtttgctt tgatcttctt caatatgtga atttgggctc 240
acagaatcaa agcctatgct tggtttaatg cttgcaatc 279

<210> 270
<211> 209
<212> DNA
<213> mammalian

<400> 270
tgaagatatt tgtcttcaga attaaaactg cccttaattt taatatacct ttcaatcggc 60
cactggccat ttttttctaa gtattcaatt aagtgggaat tttctggaag atggttagct 120
atgaattaat agagtttgct taatcatttg taattcaaac atgctatatt ttttaaaatc 180
aatgtgaaaa catagactta tttttaaat 209

<210> 271
<211> 319
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 271
gtntnncagg acnctctctt tgcttcaagc aagcgaaaac tagaggaggt gctctctact 60
gagggggctg aagaaaatgg caacagcgac aagaagaaga aggccaagcg agactagcag 120

tcattccagac cctgcccacc tagattgttt tttagaccct ccggacctga gactgagttt	180
tgtcttttttc ctttagcctt agcagtgggt atgaggtgtg cagggggagc ttgggtggct	240
tcaactccgcc cattccaaag agggctctcc ctccgcactg cagccgggag cctntgctgt	300
tttgntgggn ggagggaag	319

<210> 272
 <211> 296
 <212> DNA
 <213> mammalian

<400> 272	
caaagccagg cagaccgtcc tctgcccctg ctgggatggc tgtcctggct gtgcttgtgg	60
ctatggctgt ggttcgtggg atgttcagct ggaaaccacc tgccactgcc agtgcagtgt	120
ggtggactgg accctgcccg ctgctgccac ctgacctgac agggaggagg ctgagaactc	180
agttttgtga ccatgacagt aatgaaacca ggggcccaac caagaaatct actcaaactgt	240
cccacttcat ttgttcatt cctgattctt gggtaataaa gacaaacttt gcaaaa	296

<210> 273
 <211> 316
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 273	
ttcagatttc ttgctttggt ttgcattttc ctagtataat tntagcaagt tgacctcaga	60
gttcctgtat cagggagatt gtctgattct ctaataaaag acacattgct gaccttggcc	120
ttgccctttg tacacaagtt cccaggggtga gcagcttttg gatttaatat gaacatgtac	180
agcgtgcata gggactcttg ccttaaggag tgtaaaacttg atctgcattt gctgatttgt	240
ttttaaaaaa acaagaaatg catgtttcaa ataaaattct ctattgtaaa taaaattttt	300
tctttggatc ttggca	316

<210> 274
 <211> 211
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()

<223> "n" is an unknown nucleotide

<400> 274
tagtataatt ctagcaagtt gacctcagag ttctgtatc agggagattg tctgattctc 60
taataaaaga cacattgctg accttggcct tgccttttgt cacaagttcc cagggtgagc 120
agcttttggg tttaatatga acatgtacag cgtgcatagg gactcttgcc ttaanggagt 180
gtaacttgat ctgcatttgc tgatttgttt t 211

<210> 275
<211> 484
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 275
ccctctgtct tcattctccc gccatctgat gagcagttga aatctgggaa ctgcctctgt 60
tgtgtgcctg ctgaataact tctatcccag agaggccaaa gtacagtggg aggtggataa 120
cgccctcaa tcgggtaact ccaggagag tgtcacagag caggacagca aggacagcac 180
ctacagcctc agcagcacc tgacgcttga gcaaagcaga ctacgagaaa cacaaantct 240
acgcctgcga agtcacccat cagggcctga gctcgcccgt cacaagagc ttcaacaggg 300
gagagtgtta gagggagaag tgccccacc tgctcctcag ttccagcctg acccctccc 360
atcctttggc ctctgacct ttttccacag gggacctacc cctattgcgg tcctccagct 420
catctttacc tcacccccct cctcctcctt ggctttaatt atgctaattg tggaggagat 480
gaaa 484

<210> 276
<211> 415
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 276
taanttattg atccagattg ttctgagaga cgaagatact tgctgctgat agaggtgaaa 60
acgagattga tccgtctggg gttttacggt gtgcactggg tgctgcacag acttgtcaag 120

gtttgctacg	tcctctgggc	atctgcaaaa	ggccctgctc	tctggagtgt	tgtatatagt	180
gtagcaaaag	agtatttata	catcccacca	atcaaaacac	agctttttatt	acctcatgcy	240
aactcataca	accaatagaa	tttcaacatg	ttctgtagct	taaaagtgct	cacttactac	300
cttttgaaca	atactcccct	ggaagttggc	nctttcntat	ctttttgcat	cttnggaatt	360
aacctntttg	nttccttca	taaaangaan	ggncattgga	atctttttaa	aaaaa	415

<210> 277
 <211> 389
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	277	
ctgcccggta	ctatttttagg	gggcccgnata gaaaataatg aggtcctttg aggagagatc 60
ttctaaaatc	cacattagt	atactgaatt attgagagt
ccataataaa	cttttttttat	cttcactttg ttagcaaatac caaagaaatg tggaattttt 120
agtttagcag	attcaaaatg	tagaaaacag tttaccttca tatgacatat ttatatgcac 180
tatttaagct	ttgaggtgta	gcccatttaa attcttcttt tgagatttcc aaatacatta 240
tatccatctc	acaatcccc	ccacgtctcc aaatttttgc atgggtttac cattgnccca 300
ttctgacct	cattctttct	tttctaagt 360
		389

<210> 278
 <211> 302
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	278	
ctttttccct	gcgcngtgga	cctgagaact ccgccgtgtg ttcaacgact gccgtgacat 60
cattcagcgc	atgcaccttc	gtcagtagca gctgctctaa gaagggaacc cccaaattta 120
attaaagcct	taagcacaat	taattaaaag tgaaacgtaa ttgtacaagc agttaatcac 180
ccaccattan	ggcatgatta	acaaagcacc tttcccttcc cccgagtgat tttgcgaaac 240

```

cccccttttcc cttcagcttg ctttagatgt tcccaaattt agaaagctta aggcgggcct      300
ac                                                                    302

```

```

<210> 279
<211> 340
<212> DNA
<213> mammalian

```

```

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

```

```

<400> 279
aggaacacga cgacctacaa taaaaagtac cagtactatt ccaataaaca ctgcagaggg      60
agcacccttc gttgctgagt cccctcttcc ctggaaacct tccaccagct gctgaatttc      120
cctctctcat accctccctc cctaccctaa ccaagttcct tggccatgca gaaagcatcc      180
ctcacccttc ctagaggcca ggcaggagcc cttctatacc caccagaat gagacatcca      240
gcagatttcc agccttctac tgntnctcct ccacctcact tccgtgctta accaaagaag      300
ctgtctccgg ggggggtctct ttcttgaata aagcatttag                          340

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```

<210> 280
<211> 434
<212> DNA
<213> mammalian

```

```

<400> 280
cagaaatgct acccagcatc ttaaaccagc ttgggtgcgga tagtctgact agtttaagga      60
gactggccga agctctgccc aaacaatctg tggatggaaa agcaccactt gctactggag      120
aggatgatga tgatgaagtt ccagatcttg tggagaattt tgatgaggct tccaagaatg      180
aggcaaactg aattgagtca acttctgaag ataaaacctg aagaagttac tgggagctgc      240
tattttatat tatgactgct ttttaagaaa tttttgttta tggatctgat aaaatctaga      300
tctctaatat ttttaagccc aagccccttg gacactgcag ctcttttcag tttttgctta      360
tacacaattc attctttgca gctaattaag ccgaagaagc ctgggaatca agtttgaaac      420
aaagattaat aaag                                                        434

```

```

<210> 281
<211> 461
<212> DNA
<213> mammalian

```

```

<220>

```

<221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 281
 atctgctcat tatttcagag gggaaaccta gcaaactaag agtgataagg ggcctacta 60
 cactggcttt tttaggctta gagacagaaa ctttagcatt ggcccagtag gtggcttcta 120
 gctctaaatg ttgccccgc catcccttcc cacagtatcc ttcttcctc ctncctgtc 180
 tctggctgtc tcgagcagtc tataagagtg catctccagc ctatgaaaca gcttgggtct 240
 ttggccataa gaagtaaaga tttgaagaca gaaggaagaa cctcagggag taagcttcta 300
 gcccccttca gctttctaca cccttctgcc ctctctccat tgctgcacc ccacccagc 360
 cactcaactc ctgcttgntt ttccttnggc catgggangg ttaccagtaa aatccttgct 420
 aggntgatgt gggcccnccat tcctttaata accattgtga c 461

<210> 282
 <211> 213
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 282
 catccgcac gaacattggg gtttctncaa aatggtgtgt gtcatacntt cttttgggag 60
 gggggttngt tttcttctgt ttattttctg agactcctac aggagccaaa tttgtaattt 120
 agagacactt aattttgtta atcctgtctg ggacacttaa gtaacatcta aagcattatt 180
 gctttagaat gttcaaataa aatttctga cca 213

<210> 283
 <211> 422
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 283
 gcacctcct acctgtcagc ctgagtatgg gcaatggcgt tttagtttgc aaaaccagac 60
 acatagaggc caggtttccc ccgctcaaca ctaggccact gtgcctgcc ctgctgtctg 120

caaatgcagg	ttcctggggc	tctgggtggt	ttgtccaatg	gctaagcttt	ccccaggaat	180
gggtaacntg	gaaaaatgta	ggaattacat	atgattccat	caatgacagt	tttcctatta	240
aaacataact	tgttaaagca	tagagcttag	ttcaagagta	aacatttcta	aaaaagaggt	300
agaagcccct	acctactgac	tggcatcaca	aacactgccc	tgaaatgcca	actcatttca	360
aatactgctc	tagacaactg	ggccctgcat	ctgctgcaag	gaacatccct	tactttccca	420
tc						422

<210> 284
 <211> 447
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	284	
gctcttgnnc	gccactggcg	gtcctgaaaa acagatgact tgggcaaagg tggaaatgaa 60
gaaagtacaa	agacaggaaa	cgctggaagt cgtttggctt gtggtgtaat tgggatcgcc 120
caataaacat	tcccttggat	gtagtctgag gcccttact catctgttat cctgctagcn 180
tgtagaaatg	tatcctgata	aacattaaac acttgaatc ttaaaagtgt aattgtgtga 240
ctttttcaga	gttgctttaa	agtacctgta gtgagaaact gatttatgat cacttggaag 300
atttgtatag	ttttataaaa	ctcagttaaa atgtctgttt caatgacctg tattttgcca 360
gacttaaate	acagatgggt	attaaacttg tcagaatttc tttgtcattc aagcctgtga 420
ataaaaaccc	tgttggactt	attatga 447

<210> 285
 <211> 479
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	285	
ccncctcnn	cgtnngggg	agacngaana accttctccg ctgacctggt tgtggggctg 60
tgactgggc	agatcaagac	tggtgcccct tgccgatctg agcgcttggc caagtacaac 120

cagctcctca gaattgaaga ggagctgggc agcaaggcta agtttgccgg caggaacttc	180
agaaaccctt tggccaagta agctgtgggc aggcaagccc ttcggtcacc tgttggctac	240
acagaccctt cccctcgtgt cagctcaggc agctcgaggc ccccgaccaa cacttgcagg	300
ggtccttctg agttaagcgc cccaccgccg tggagttcgt accgcttcct tagaacttct	360
acagaagcca agctccctgg agccctgttg gcagctctag ctttgcagtc gtgtaattgg	420
ccaagtcatt gtttttcgct cgcttcacc aagtgttaga gtatgtagcc tcgtgtatc	479

<210> 286
 <211> 459
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 286	
tncncctccc atttttgaac atcccaagac tttccggaca gaacgtcctg tcaactcagc	60
tgccctctcc cccaactatg accatgtggg cctgggcggg ggtcaggaag ccatggatgt	120
aacccaacct ccaccaggat tggcaagttt gaggccaggt tcttcattt ggcccttgaa	180
gaagagtttg gaagagtcaa gggtcacttt ggacctatca acagtgttgc cttccatcct	240
gatggcaaga gctacagcag cggcggcgaa gatgggttacn gtccgtatcc attacttcga	300
cccacagtac ttcgaatttg agtttgaggc ttaagaagct ggatctcctg ccgggcgtgg	360
tggtctatgc ctgtaatccc accacttttt ttttaaggca ggcggtacac ctgaggtcag	420
gagtttaaga ccagcctgac caacatggag aaacctcgt	459

<210> 287
 <211> 457
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 287	
cctaccaatg tttggggatg aannccgggt tgctcccaac atcctggaga ataaagaagg	60
cctggagctg ctgaagaccg ctattgggaa agctggctac actgataagg tggctatcgg	120
catggacgta gcggcctccg agttcttcag gtctgggaag tatgacctgg acttcaagtc	180

tcccgatgac	cccagcaggt	acatctcgcc	tgaccagctt	ggcatgacct	gtacaagtcc	240
ttcatcaagg	actaccaggt	ggtgtctatc	gaagatccct	ttgaccagga	tgactgggga	300
gcttggcaga	agttcacagc	cagtgcagga	atccaggtag	tgggggatga	tctcacagtg	360
accaacccaa	agaggatcgc	caaggccgtg	aacgagaagt	cctgcaactg	cctcctgctc	420
aaagtcaacc	agattgctcc	gtgaccgagt	ctcttcc			457

<210> 288
 <211> 492
 <212> DNA
 <213> mammalian

<400> 288	
gctccgtgac	gagtctcttc aggcgtgcaa gctggcccag gccaatgggt ggggcgtcat 60
ggtgtctcat	cgttcggggg agactgaaga taccttcatc gctgacctgg ttgtggggct 120
gtgcactggg	cagatcaaga ctggtgcccc ttgccgatct gagcgcttgg ccaagtacaa 180
ccagctcctc	agaattgaag aggagcttgg gcagcaaggc taagtttgcc ggcaggaact 240
tcagaaaccc	cttggccaag taagctgtgg gcaggcaagc ccttcggtca cctgttggct 300
acacagaccc	ctcccctcgt gtcagctcag gcagctcgag gcccccgacc aacacttgca 360
ggggtccttg	ctagttagcc gcccaccgc cgtggagttc gtaccgcttc ttagaacttc 420
tacagaagcc	aagctccctg gagccctgtt ggcagctcta gctttgcagt cgtgtattgc 480
ccaagtcatt	ga 492

<210> 289
 <211> 409
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 289	
tnaggcngcc	tgacttnccg tggctccaca gctctagggg cctgctcctc taatcacagt 60
gggttttgtg	aggctctgtg gccagagca gacctgcata tctgagcaaa aatagcaaaa 120
gcctctctca	gccactggc ctgaatctac actggaagcc aacttgctgg ccccccgct 180
ccccaaccct	tcttgcttgg gtaggagagg cttaaagatca ccctaaattt actcatctct 240
ctagtgtctg	ctcacattgg gcctcagcag ctccccagca ccaattcaca ggtcaccct 300

ctcttcttgc actgtcccca aacttgctgt caattccgag atctagtctc cccctacgct	360
ctgccaggaa ttctttcaga cctcactagc acaagcccgg ttgtccttg	409

<210> 290
 <211> 347
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 290	
aaaataatgt ctgatcctgt tcctaagttc caaactatag ccaacactct gatgctgctc	60
tttttcttgt aggaccaacc gtcccagttt gcctgggact ttctcatttt tacagagtcc	120
caaatcctag gaaactggag caactggtac aactgggtcac ctactcttgc ccctctgtaa	180
atcaagccaa ctgtgaccat ccaatgtgcc atcttacagg gaaaagttat aaccacttat	240
ttccctataa cntaatgcta atgattgtac ttagtacatt ttatacttt tatgatattt	300
tactgattgg aaatgtcatc ctttattaaa aataaacatg gttttcc	347

<210> 291
 <211> 340
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 291	
cccttgtacc cagnagcant tttaacaacac ccttacctgc ccgctccaca gcctcagact	60
tggttgagaa cctacaactt tctacatcag cccatcccct acttacacaa cactctttcc	120
tgcgagttcc agcacatcag gcctcactga ggaatctacc accttccaca ccagtccaag	180
cttcacttct acaattgtgt ctacttgaaa gcctggaaac ctagcacca gggttgtgcc	240
aggaaggaca aatttggaat ggaaaacaat gcgtctgtcc ccaaggctac gttgggttacc	300
aagtgcttgt cccctctgga atccttcctt gtagaaaccc	340

<210> 292
 <211> 424
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 292
 tccnacctca ngtttccagg ggcctcactc ttcagagtgg cagagatgaa ctaaagtagg 60
 agctcatnca ggaagaaagc tctgaagacg aaggagaata tgaagagggt agaaaagatc 120
 aggattctgt tgggtgaaatg aaggatgaag gggaagagac attaaattat cctgatacta 180
 ccattgactt gtctcnnntt tcacccccaa aggtccatcc agaaattggc ttcaaaanag 240
 gatcttctaa ttctagtac agtaaatac agaccggag acattttgca gcccaaggaa 300
 agaangggaa atgaaaaana anacgncccc nttngtngcg ccnattnaa cccctagtgc 360
 aactncccg ccnntctcg gtcnncct tttggggaga gccccaccc nttgggatgc 420
 ctan 424

<210> 293
 <211> 401
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 293
 gtacttttaa ttaaatnccc agtattttaa aagacaaagt atttttgtcc atttgagatt 60
 ctgcactcca tgaaaagttc acttgagcgc tggggccaaa agctgttgat tttcttaagt 120
 tgacggttgt caatatatcg aactgttccc aagttagtca agtatgtctc aacactagca 180
 tgatataaaa ntggnacact gcagctgaat gaaaaaggaa tcaaaaccac tttgtacata 240
 agttaaatcc tattggattt gtnccgtcct cccatttggt ctccggacna ttaaatgcta 300
 catggggtaa ggtctggcct aaatagggta gcttaaaact tatggtnaaa nngcntgcnn 360
 ccagttttgt cnattaaagg ttttatcccc ttttttaacc c 401

<210> 294
 <211> 400
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature

<222> ()..()
 <223> "n" is an unknown nucleotide

<400> 294
 taggtattat tgtgacancg gccagtcttt tttcttgacg cccagattc cccagccacg 60
 ttagcctaca gaagtataat tcagagaatc caagagtttt gtaatctcca tcagtcaaaa 120
 gaagagaacc tcatcagttc ctgaagcgag agaatgttca ggaccaagca gttaccgagc 180
 gaggcactca cttgggcagc acatccagcc agaccganca gctnccggga tgggggtgggg 240
 tcacagcaaa agggaccaga tgctgggtgtg ggcccgaagc cacttttctc agagacactt 300
 ttaatcattg agtatttgta ctttttcttt agaacatata ttaaaggggc attctctaca 360
 aatgtggccg ttttaagaaa taaaaccccc tcaaatcccc 400

<210> 295
 <211> 411
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 295
 nattttcata gaggcccgag gatgtcaatg acaatgcacc acagtacatc agagcctggt 60
 tattaccag aaatcatgga aaattctcct aaagatgtat ctgtggtcca gatcgaggca 120
 tttgatccag attcgagctc taatgacaag ctcatgtaca aaattcaagt ggaaatccac 180
 aggattnttt ttcaatacat cctaaaccag gtctcatcac acttacgtca aggaaagcta 240
 gaccgagaac agcaagatga acacatatta gaggggtactg tgacagacaa tgggtagtcc 300
 cccaatcaa ccattgcaag agtcattggt gaaaatcctt gatgaaatga caacaaacct 360
 cagtttctgc aaaagtctac aaatcagact ccttgacggg aaaagcccga c 411

<210> 296
 <211> 416
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 296

ctttcctatg ccncaccttt tggacttata tgatgagtgc tcgatccaag aatgttngtt	60
ggcgccttga ttactttttg ttgtccact ctctgttacc tgcatttgtg gacagcaaga	120
tccgttccaa ggccctcggc agtgatcact gtcctatcac cctataccta gcactgtgac	180
accnntccct aaatcacttt gagcctgggg aaataacccc ctcactacca ttccttcttt	240
aaacactctt cagagaaatc tgcattctat tctcatgtat aaaactnagg aatcctccac	300
cagggctcct gtggatagaa gttcttttaa agcccaagat ttttatttta angggttttt	360
ggtttttttna aaaaaaaatt gaacaaagac tctatgactt ggttcgaata tcccat	416

<210> 297

<211> 439

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 297

cttggccctg ctgagctcta ctgcctgcag gatgggagta cactgggcaa catgaccacc	60
atgggttagcc ctgtggaatt ggtggccatg gagtccggcc taacctcggc aattcaggct	120
gttgaaagca cctcagagga tgggcagacc atcattgaga ttgatccagc cccngaccn	180
tttaagctga agatcctgat gntaaagcag tcactcttga gacagagctg aggactgang	240
agaaagttgt gggcttgaga atggaagaac acccagcatc naagttcaca atgtgggaga	300
nttgggggtc cttaaaagga attaacctgg ngggatcttc agggccccgg agttnttggt	360
ttgattttgg aaatttttan ntattttggt ttatttttca cnatnnccc actcatttcc	420
cccatnggac ccctttttg	439

<210> 298

<211> 213

<212> DNA

<213> mammalian

<220>

<221> misc_feature

<222> ()..()

<223> "n" is an unknown nucleotide

<400> 298

tcgcctagcg gagactagaa nccgtagcat gattttttaa taacctgtct ttgtttttga	60
tggttaaagc taaatgccag taangaccan gaaccagtga ttatatacac tatactggag	120

ggatttcatt ttttaattcat ctttatgaag atttagaact cattccttgn gtttaaaggg	180
aatgtttaat tgagaaataa acatttgtgt aca	213

<210> 299
 <211> 937
 <212> DNA
 <213> mammalian

<400> 299	
gttcttgcct ggtgtcgggtg gttagtttct gcgacttgtg ttgggactgc tgataggaag	60
atgtcttcag gaaatgctaa aattgggcac cctgccccca acttcaaagc cacagctgtt	120
atgccagatg gtcagtttaa agatatcagc ctgtctgact acaaaggaaa atatgttgtg	180
ttcttctttt accctcttga cttcaccttt gtgtgccccca cggagatcat tgctttcagt	240
gatagggcag aagaatttaa gaaactcaac tgccaagtga ttggtgcttc tgtggattct	300
cacttctgtc atctagcatg ggtcaataca cctaagaaac aaggaggact gggacccatg	360
aacattcctt tggatcaga cccgaagcgc accattgctc aggattatgg ggtcttaaag	420
gctgatgaag gcatctcgtt caggggcctt tttatcattg atgataaggg tattcttcgg	480
cagatcactg taaatgacct ccctgttggc cgctctgtgg atgagacttt gagactagtt	540
caggccttcc agttcactga caaacatggg gaagtgtgcc cagctggctg gaaacctggc	600
agtgatacca tcaagcctga tgtccaaaag agcaaagaat atttctccaa gcagaagtga	660
gcgctgggct gtttttagtgc caggctgcgg tgggcagcca tgagaacaaa acctcttctg	720
tatttttttt ttccattagt aaaacacaag acttcagatt cagccgaatt gtggtgtctt	780
acaaggcagg cctttcctac agggggtgga gagaccagcc tttcttcctt tggtaggaat	840
ggcctgagtt ggcgttgtgg gcaggctact ggtttgtatg atgtattagt agagcaaccc	900
attaatcttt tgtagtttgt attaaacttg aactgag	937

<210> 300
 <211> 204
 <212> DNA
 <213> mammalian

<400> 300	
gaagaggaag cagctatgaa ggccaaaaca gagtagcaga ggtatccgtg ttggctggat	60
tttgaaaatc caggaattat gttataacgt gcctgtatta aaaaggatgt ggtatgagga	120
tccatttcat aaagtatgat ttgcccaaac ctgtaccatt tccgtatttc tgctgtagaa	180
gtagaaataa attttcttaa ataa	204

<210> 301
 <211> 430
 <212> DNA
 <213> mammalian

<400> 301
 gggcagtgag gctgttcgca gagctgcgga agatgaatgc cagaggactt ggatctgagc 60
 taaaggacag tattccagtt actgaacttt cagcaagtgg accttttgaa agtcatgac 120
 ttcttcggaa aggtttttct tgtgtgaaaa atgaactttt gcctagtcac ccccttgaat 180
 tatcagaaaa aaatttccag ctcaaccaag ataaaatgaa tttttccaca cttgagaaac 240
 attcagggtc tatttgctcc gctaaaatta cagatggaat tcaaggcagt gcagcagggt 300
 cagcgtcttc catttctttc aagctcaa atcttactgg atgttttgag gggtaatgat 360
 gagactattg gatttgagga taccctta atgatccac aaagcgaagt catgggagag 420
 ccacactcga 430

<210> 302
 <211> 551
 <212> DNA
 <213> mammalian

<400> 302
 ggcacgaggg tccagacccg cagccgcgc gcacagagct ctacgcgccg ctcccagcca 60
 cagcctcccg cgctcgcgc agctccaaca tggcaaaaat ctccagccct acagagactg 120
 agcgggtgcat cgagtcctg attgctgtct tccagaagta tgctggaaag gatgggtata 180
 actacactct ctccaagaca gagttcctaa gcttcatgaa tacagaacta gctgccttca 240
 caaagaacca gaaggaccct ggtgtccttg accgcatgat gaagaaactg gacaccaaca 300
 gtgatgggtca gctagatttc tcagaatttc ttaatctgat tgggtggccta gctatggctt 360
 gccatgactc cttcctcaag gctgtccctt ccagaagcg gacctgagga ccccttggcc 420
 ctggccttca aaccacccc ctttccttcc agcctttctg tcatcatctc cacagcccac 480
 ccatccctg agcacactaa ccacctcatg caggccccac ctgccaatag taataaagca 540
 atgtcacttt t 551

<210> 303
 <211> 403
 <212> DNA
 <213> mammalian

<400> 303
 tccgactact tcagagttag atggaagggt ctggatggat gctttggagt tggctttgaa 60

atgttctagt	cttcttaa	acgtacaatgat	cagagaagga	aaggaacatg	acctgagcgt	120
ttcatcagat	agcgcacatg	tgactttcta	tggcttacta	cgtgctaaca	atctccacag	180
tggtgataac	ttccagttaa	atgatagtga	aattgaacga	caacatttta	aggaccaaga	240
tatgtattct	gataaatctg	ataaagaaaa	tgatcaagaa	catgatgagt	ctgataatga	300
ggtgatgggg	aaaagtgaag	aaagtgcac	agatacatca	gaaagacaag	atgactcata	360
tatcgaacct	gagcctgttg	agcctttaag	gagactccta	cct		403

<210> 304
 <211> 243
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400>	304		
ctttctccct	gntgttgctg	ttggttcct	ctcagattca gtaactattt tnggatcc 60
cggcctgtga	ttaatattna	taanaccatc	acagtaactc ctaacagaat tgacctccgc 120
cagaaaacag	cgtgtggggc	gcctagtcgg	gatatgcctc caggttaaat cctgttttga 180
atatactgct	aaccccgctg	gttataatcc	ttcaatatna attgtgggca cacttgaagc 240
tga			243

<210> 305
 <211> 210
 <212> DNA
 <213> mammalian

<400>	305		
agcactttgt	tcactgtcct	gtgtcagagc	actgagctcc acccttttct gagagttatt 60
acagccagaa	agtgtgggct	gaagatgggt	ggtttcatgt ttttgtatta tgtatctttt 120
tgtatggtaa	agactatatt	ttgtacttaa	ccagatatat ttttacccca gatggggata 180
ttctttgtaa	aaaatgaaaa	taaagttttt	210

<210> 306
 <211> 339
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()

<223> "n" is an unknown nucleotide

<400> 306
ctgccggtat tctncagatc ctagctnggn cttgatagcc cttaatatat gtttgtatta 60
tgntattttt caactaaatc gcagttggaa aaaaacatat tnaatattat gcccttggat 120
ctgttactgc atcactagca cttgtgatgc aatanaacac ttcgcctgta ctgaangggc 180
caanagtaaa tgccttgntt tgtttttttg ttttgttctg ttntgatttt tgttaaacad 240
gtctatagag ttggnagnta atgcttgaat ttgtcanata ccccttccaa aattatactt 300
gtatttataaa aatnaangga tctacctaata ttctattga 339

<210> 307
<211> 459
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 307
tttgccttcc caaantttcc aggntaacna caaggagata gaaagggttaa aacaactgat 60
cgacaaagaa acaaatgacc ggaaatgcct ggaagatgaa aacgcgagat tacaaagggt 120
ccagtatgac ctgcagaaag caaacagtag tgcgacggag acaataaaca aactgaagggt 180
tcaggagcaa gaacttgaca cgcctgatga tcgactatga aagggtttcc caggagagga 240
ctgtgaagga ccaggatata acgcggttcc agaactctct gaaagagctt gcagcttgca 300
gaagcagaag gtggaagagg agcttgaatc ggctgaagag gaccgcgtca gaagactcct 360
gcaagaggaa gaagctggag gaagagctgg aaggcatgag gaggtcgctt gaaggagcaa 420
gcctcaaaat cccacctgac ccagcagctt ggagcaggc 459

<210> 308
<211> 481
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 308
ccctttggac cctaccctgt ttccattaca gtnacttcca aaacgaacaa ggacaccagc 60

aaattcccca gccctctggt agtttatgca aatattcgcc aaggagcctc cccaattctc	120
agggccagtg tcacagccct gattgaatca gtgaatggaa aaacagttac cttggaacta	180
cttgataat ggagcaggtg cttgatgcta cttaggatg acggtgtcta ctcaaggat	240
ttcacaaactt atgacacgaa tggtagatac agtgtaaaag tgcgggctct gggaggagtt	300
aacgcagcca gacggagagt gatacccccag cagagtggag cactgtacat acctggctgg	360
attgagaatg atgaaataca atggaatcca ccaagacctg aaattaataa ggatgatgtt	420
caacacaagc aagtgtgttt cagcagaaca tcctcgggag gctatttgtg gntntgatgt	480
a	481

<210> 309
 <211> 344
 <212> DNA
 <213> mammalian

<400> 309	
atgaagccaa cacacttgtc cttggtttta agaaagattg gttgcaagca gatatgaggg	60
atgtggatat gtatataaac ttatttcatg atgcttttga catacaatat ggagtagtgg	120
ttattcgcct aaaagaaggt ctggatatat ctcatcttca aggacaagaa gaattattgt	180
catcacaaga gaaatctcct ggcaccaagg atgtggtagt aagtgtggaa tatagtaaaa	240
agtccgattt agatacttcc aaaccactca gtgaaaaacc aattacacac aaagttgagg	300
aagaggatgg caagactgca actcaaccac tgttgaaaaa aaaa	344

<210> 310
 <211> 357
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 310	
tgaccagcgg ataacaattt cacacaggac gactccaagg aaagctttgc atttaaacca	60
gaaaatatct cagaagaaaa tgcaaccac atatttattg ccattaaann gnatagataa	120
aagcaatttg acntttttta gtatccaaca ttgcacaagt aactttgttt atccctcaag	180
caaactctcg atgacattga tcctactcct actcctactc ctactcctga taaaagtcac	240
aattctggag ttaatatattc tacgctggta ttgtctgtga ttgggtctgn nngtcnttgt	300

taacttctat ttnaactacc accattingaa ccttaacgaa anaanaaat cttcaag 357

<210> 311
 <211> 373
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 311
 agcggataac aatttcacac aggagaccat tgcatgccct caactcttgc ttggcagggg 60
 taccagagac tgaaagacac ggcacaaatc tcaatattca tctcccatcacat cacctttcnt 120
 gggaactgga nagggngaaa gtctctcaaac tctgggaaca ggcganaagg aacaggggatt 180
 taantncccg gccacagggn catgggaagc ttgaggnagn aagggggaan ccaggggaccc 240
 anntnaagga nnggggtggga gnnttttnc taanttgggg ggacacccca gnntgnaaag 300
 ctactaagna naaggggntg angggntnaa ggctnccctg aganggataa nctgaganan 360
 anntntaact tct 373

<210> 312
 <211> 377
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 312
 tagtgnntag cggataacaa tttcacacag gagaccattg cagtacattg agctccatag 60
 agacagcgcc ggggcaagtg agagccggac gggcactggg cgactctgtg cctcgctgag 120
 gaaaaataac taacntnnnc aaaggagatc ctaagaagcc gagaggcaaa atgtcatcat 180
 atgcattttt tnggcaaact tgtcgggagg agcataagaa gaancaccca gatgcttcaa 240
 gtcaacttct nagagttttc taanaagtgc tcaaaagagg tggaagacca tgtctgctaa 300
 agagaaagga aaatttgaag atatngnaaa agcggacnag ggccgttatg aaananaaan 360
 gaaacctata ttcctnc 377

<210> 313
 <211> 387

<212> DNA
<213> mammalian

<400> 313
agcggataac aatttcacac aggaatggtc gtctcggaga tgcagccaag aaagccatca 60
gtaaattgac aaccaggaca gtaaagaagg gtgacaagga aactgacca gactttgatc 120
attgtgcagt ctgcatagag agctataagc agaatgatgt cgtccgaatt ctcccctgca 180
agcatgtttt ccacaaatcc tgcgtggatc cctggccttag tgaacattgt acctgtccta 240
tgtgcaaact taatatattg aaggccctgg gaattgtgcc gaatttgcca tgtactgata 300
acgtagcatt cgatatggaa gggctcacca gaaccaagc tgttaacctg aagatcagcc 360
ctcggcgacc tcgccggcga caactcc 387

<210> 314
<211> 289
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 314
gacaaaagga ccgnaggccc aagggcaata ataaggtgga atttgcaggt cagcccagga 60
attggcagag gaagtaggtg tctgataacc ctttgtggag aatgagattc cccccacctg 120
tgtgagaaaa ataaacagct ctggagtctt gttcctgact ccagaggaac gagagcattc 180
caggaaagag agattccctg gaaaattgaa aatgtgaatc ctaggggggaa attgggggatt 240
gtgtctttcc ctgttgaaaa tgtttgatg ggaataaata tcttcagga 289

<210> 315
<211> 389
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 315
tactggaata ttctaaaact cttgttcaca tgctattatg acttataaag cagcaacagc 60
tgaggcgcac caggacacag cttccatttc tttaacgtct gttcccttaa catcgctgaa 120
atgatttact gttgaagaga tgccttgccg tgtggccagc tgtgaggaga aagcagcttg 180

cagtgttagg acattagtcc accttcagct gcagggctctc tggccggggtc tgactcagaa	240
accttggtac tcgccccttg gccacagtgc ccagacccat gtaaccact ggctcctgca	300
ttaaccaga aatacctcgc ttctatctgt gcactttagc ttgngaactt acccactgna	360
ntccctanat aaagcgntta tnaacagga	389

<210> 316
 <211> 439
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 316	
gctcccacgg ttgntntctg gaggnctcct aaacaccatt attcttcttc acgcttctca	60
nagccctaag gaagagagtg attcctcagc tcaattgtga actgctcctg ccactntgcc	120
ttcctcgtgn aaaaaaacca gactttacat catgggtgac cactcccgca gagttgtaca	180
gaacctccct tgggggccaca ggatggctgg attctgtccc ctcatataca aggagggttat	240
tgggacagca tttctcccta gaacaagagt gtatatttca gaaagctatg gatgacttnc	300
catggtcatc agatcactta ggcangaatg ctattctcct gatagatgtg tggaanggat	360
tcaattcatt ttgaccccaa gntctaggcn ctggattaaa aatgcccaacc ccaaacgtta	420
acttttaata aaaaaaaaaa	439

<210> 317
 <211> 354
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 317	
tggtgggctt tcccctcatg tcattggagg catctttggg aagaacaacg ccagcccctt	60
tgatgcaccc tgtcgcacca agaacatcgc ccgggagatt ccaccccagc cctggtacaa	120
gtctacntgt catccacatg actggtggag gcttctcctg tttcaggtat cctcccttta	180
ttccatggct attactgtca ggttcctgac ctcaattttt cctgtcccta ctcatccagt	240

accctaaccc aacccgttga tccttggttc agtggtagca ttcagagatc attaaatggt	300
tcctcctatc cccaagcagg actgagcttg aatgatatga gagtgtctac ttat	354

<210> 318
 <211> 393
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ().().
 <223> "n" is an unknown nucleotide

<400> 318	
gntgnmntn nnnttttttg tagcacggtt aacgtcctta aaacccgccg gactttctgt	60
aagaagtgtg gcaagcacca accccataaa gtgacacagt acaagaaggg caaggattct	120
ctgtacgccc agggaaagcg gcgttatgac aggaagcana gtggctatgg tgggcaaact	180
aagccgattt tccggaaaaa ggctaaaact acaaanaaga ttgtgctaag gcttgagtgc	240
tgttgagccc aactgcagat ctaagagaat gctggctatt aaaagatgca agcattttga	300
actgggagga gataagaaga gaaagggcca agtgatccag ttctaagtgt catcttttat	360
tatgaagaca ataaaatctt gaggttatgt tcg	393

<210> 319
 <211> 991
 <212> DNA
 <213> mammalian

<400> 319	
ctggattccc gtcgtaactt aaagggaaat tttcacaatg tccggagccc ttgatgtcct	60
gcaaatgaag gaggaggatg tccttaagtt ccttgacagca ggaaccact taggtggcac	120
caatcttgac ttccagatgg aacagtacat ctataaaagg aaaagtgatg gcatctatat	180
cataaatctc aagaggacct gggagaagct tctgctggca gctcgtgcaa ttgttgccat	240
tgaaaaccct gctgatgtca gtgttatatc ctccaggaat actggccaga gggctgtgct	300
gaagtttgct gctgccactg gagccactcc aattgctggc cgcttcactc ctggaacctt	360
cactaaccag atccaggcag ctttcggga gccacggctt cttgtgggta ctgacccag	420
ggctgaccac cagcctctca cggaggcatc ttatgttaac ctacctacca ttgcgctgtg	480
taacacagat tctcctctgc gctatgtgga cattgccatc ccatgcaaca acaagggagc	540
tcactcagtg ggtttgatgt ggtggatgct ggctcgggaa gttctgcgca tgcgtggcac	600
catttcccggt gaacacccat gggaggtcat gcctgatctg tacttctaca gagatcctga	660

agagattgaa aaagaagagc aggctgctgc tgagaaggca gtgaccaagg aggaatttca	720
gggtgaatgg actgctcccg ctectgagtt cactgctact cagcctgagg ttgcagactg	780
gtctgaaggt gtacaggtgc cctctgtgcc tattcagcaa ttccctactg aagactggag	840
cgctcagcct gccacggaag actggtctgc agctccact gctcaggcca ctgaatgggt	900
aggagcaacc actgactggg cttaagctgt tcttgcatag gctcttaagc agcatggaaa	960
aatggttgat ggaaaataaa catcagtttc t	991

<210> 320
 <211> 810
 <212> DNA
 <213> mammalian

<400> 320	
gctgcaccgc gctcgtccg agtttcaggc tcgtgctaag ctagegccgt cgctcgtctcc	60
cttcagtcgc catcatgatt atctaccggg acctcatcag ccacgatgag atgttctccg	120
acatctacaa gatccgggag atcgcggacg ggttgtgcct ggaggtggag gggaagatgg	180
tcagtaggac agaaggtaac attgatgact cgctcattgg tggaaatgcc tccgctgaag	240
gccccgaggg cgaaggtacc gaaagcacag taatcactgg tgtcgatatt gtcatgaacc	300
atcacctgca ggaaacaagt ttcacaaaag aagcctacaa gaagtacatc aaagattaca	360
tgaaatcaat caaagggaaa cttgaagaac agagaccaga aagagtaaaa ccttttatga	420
caggggctgc agaacaaatc aagcacatcc ttgctaattt caaaaactac cagttcttta	480
ttggtgaaaa catgaatcca gatggcatgg ttgctctatt ggactaccgt gaggatgggtg	540
tgaccccata tatgattttc tttaaggatg gtttagaaat ggaaaaatgt taacaaatgt	600
ggcaattatt ttggatctat cacctgtcat cataactggc ttctgcttgt catccacaca	660
acaccaggac ttaagacaaa tgggactgat gtcattctga gctcttcatt tattttgact	720
gtgatttatt tggagtggag gcattgtttt taagaaaaac atgtcatgta ggttgtctaa	780
aaataaaatg catttaaact catttgagag	810

<210> 321
 <211> 280
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 321
gactcactat agggccttttt ttttttnggn ggcaatcaca gtctttaatc attaatngtc 60
atatttctga ttngtttagca agtgccagct ttgtaggctg gttgaagtac agaactcaga 120
ggaanaaaaa aataaaattt tagcttttnt ggganagnag cccntttttg ggacnatnaa 180
aacacttttt tggtttcctt tnaacttgga aactttttaa aacattangg gggtnngggga 240
ggggttgggc nattttttta atntnggggn cangngnagn 280

<210> 322
<211> 373
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 322
gcggataaca atttcacaca ggatcgatac aggactgttc tggggccagc ttcccttaac 60
tctgtagcct ggcagtctga cccaaagttg ccctcaccca aaggttctgg ctcttccttc 120
cctcantttt actttccctt ccccataag ttggaggata aaatgggtat caatgctaata 180
atttcaggg agaacatgaa accagaggtt tctttctttc tctgtaatct gctatgaaag 240
aaaataacaa atgaaaataa atgtgtacta cactttgaaa tattttaact aaagccttta 300
ttctatacaa ctgtgaaata cagattttac ccttttgga ttgcgaaaaa aaaaaaagcc 360
ctatagnngt cgt 373

<210> 323
<211> 400
<212> DNA
<213> mammalian

<400> 323
attagcggat aacaatttca cacaggatcg atacaggatg cttgccaaaa gaggtggata 60
tgtctgggtt gaaactcaag caactgtcat atataacacc aagaattctc aaccacagtg 120
cattgtatgt gtgaattacg ttgtgagtgg tattattcag cagacttga ttttctccct 180
tcaacaaaca gaatgtgtcc ttaaaccggt tgaatcttca gatatgaaaa tgactcagct 240
attcaccaa gttgaatcag aagatacaag taagcctctt tgacaaactt aagaaggaaac 300
ctgatgcttt aactttgctg gcccagccg ctggagacac aatcatatct ttagattttg 360
gcagcaacga cacagaaact gatgaccaca cttgaggaag 400

<210> 324
 <211> 405
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 324
 gattttaatac gactcactat agggcttttt tttttttcgg ancaatgaat ttttaatttt 60
 ctcancaaaa aaaananata atngaggnga taaatgngct aattncactg attngatcat 120
 tatncatcat atnctatat ttaaatatca cacttgtncc ccataaatat gtncaacact 180
 tacgtgtcat ttaaaaataa ngataaaatt atatcaagat tcaagcgct ntngtagcgg 240
 cttccacag tcttcacatt ngganggatt ttctccactg nggttttttt gttgggtcttt 300
 acggtatgac cggatataca gcttctttcc caatcctcac atttgaatgg ttttttcgga 360
 atggagtctn tatgattcaa aaacttgagg ccggctaaag ctttt 405

<210> 325
 <211> 391
 <212> DNA
 <213> mammalian

<400> 325
 cgctccagcc cagccctcag cctggcatgc cccctggatc aggccattgg cctcctcgtg 60
 gccatcttcc caagtactcc ggcagggagg gtgacaagca caccctgagc aagaaggagc 120
 tgaaggagct gatccagaag gagctcacca ttggctcgaa gctgcaggat gctgaaattg 180
 caaggctgat ggaagacttg gaccggaaca aggaccagga ggtgaacttc caggagtatg 240
 tcaccttcct gggggccttg gctttgatct acaatgaagc cctcaagggc ttgaaaataa 300
 ataggggaaga tggagacacc ctctgggggt cctctctgag tcaaaccag tgggtgggtaa 360
 ttgtacaata aatttttttt ggtcaaattt a 391

<210> 326
 <211> 300
 <212> DNA
 <213> mammalian

<400> 326
 catgttggca gaaaattgaa catgactcca gaagaagctg aaaggtggat tgtaaatttg 60
 attagaaatg caagactgga tgccaagatt gattctaaat taggtcatgt gggtatgggt 120

aacaatgcag tctcacccta tcattwaagt gattgaaaag accaaaagcc tttccttttag	180
aagccagatg ttggccatga atattgagaa gaaacttaat cagaatagca ggtcagaggc	240
tcctaacttg ggcaactcaa gattctggct tctactgaag aaccayaaag aaaagatgaa	300

<210> 327
 <211> 372
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 327	
aatacgactc actatagggc tttttttttt ttaagttgta atctttgccg ttgtcactga	60
ncctcaaaag caattgtttt cccaaatcat ttttaagccct cccagtcaa tcttttccct	120
ctcatcanta acttacaagg accctatttg aaaaacaacg cttattcatt cctttttcta	180
tacccacac attccgttct aggaaatngg caaccacca acacagcccg ggttctccct	240
ccttganatg tgaatttaaa caaanggatt ttcgtctecn ttcttcaagc ttanaggatg	300
ancacgcgtt tactacaacg cttaattcct tctagcagca tttctcttct ataactactt	360
gcnetgcttt tt	372

<210> 328
 <211> 408
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 328	
tgattagcgg ataacaattt cacacaggat ccatgactcc acctccatca tcacctcaac	60
ccaaaaaggc ataattaaac tttacttctt ctctttcttc ttccactca tcctaaccct	120
actcctaadc acataaccta ttcccccgag caatctcaat tacaatatat acaccaacaa	180
acaatgttca accagtaact actactaatc aacgcccata atcatacaaa gccccgcac	240
caataggatc ctccgaatc aaccctgacc cctctccttc ataaattatt cagcttccta	300
cactatataa gtttaccaca accaccaccc catcatactc tttcaccac agcaccaatc	360

ctaccttcat cgntacccca ctaaaacact cccaagactt aaccctg 408

<210> 329
 <211> 426
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 329
 agcggataac aatttcacac aggacgactc caagtgagaa agatggaaaa atattttgtt 60
 tctgatgcta gtccatacac tttccaagtc ccacaaaact ttcacaaaaa tgtatataag 120
 ctaaataatta gaaacnggat aacaaacntt gttttattta tagatgtaaa aaccaaacia 180
 gtcaatatga aagcttttaa tctcttaata ccattaagct ttccagtaag agcatcacat 240
 aatgctctac tgttccagaa accaaatagt aaaaaaaaaa aagccctata gngagtcgta 300
 ttaaatcgaa tttccccgcg gccgccatgg cggccggnag catgcnacgt cggncccaat 360
 tcnccctata gtgagtcgta ttacaattca ctggccgctcg ttttacaacg tcgtgctgga 420
 aaccn 426

<210> 330
 <211> 282
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 330
 ttctgtcat tccattccaa aaattatgtg gaagtggata ggagaactgc agctgtcaat 60
 agcctagggc tgaatttttg tcanataaat aaaataaatc attcatcctt ttttttgatt 120
 ataaaatttt ctaaaatgta ttttagactt cctgtagggg gcgatatact aaatgtatat 180
 agtacattta tactaaatgt attcctgtag ggggctgata tactaaatgt attttanact 240
 tcctgtaggg gccgataaaa taaaatgcta aacaactggg ta 282

<210> 331
 <211> 1008
 <212> DNA
 <213> mammalian

<400> 331
atgtccacag aaggaggatt tgggtggtact agcagcagtg atgccagca aagcctacag 60
tcgttctggc ctctgggtcat ggaagaaatc cggaatttaa cagtgaaga cttccgagtg 120
caggaactcc cactggctcg tattaagaag attatgaaac tggatgaaga tgtgaagatg 180
atcagtgcag aagcgctgt actctttgcc aaggcagccc agatttttat cacagagttg 240
actcttcgag cctggattca cacagaaaat aacaagcgcc ggactctaca gagaaatgat 300
atcgccatgg caattacaaa atttgatcag tttgattttc tcatcgatat tgttccaaga 360
gatgaactga aacctccaaa gcgtcaggag gaggtgcgcc agtctgtaac tcctgccgag 420
ccagtccagt actatttcac gctggctcag caaccaccg ctgtccaagt ccatggacag 480
cagcaaggcc agcaaacaac cagctccacg aacaccatcc agcctgggca gatcttcac 540
gcacagcctc agcagggcca gaccacacct gtgacaatgc aagttggaga aagtcagcag 600
gtgcagattg tccaggctca gccacagggc caagcccaac aggcccataa tggcactgga 660
caaaccatgc aggtgatgca gcagatcatc actaacacag gagagatcca gcagatcccg 720
gtgcagctga atgccggcca gctgcagtat atccgcttag ccagcctgt atcaggcact 780
caagttgtgc agggacagat ccagacactt gccaccaatg ctcaacagat tacacagaca 840
gaggtccagc aaggacagca gcagttcagc cagttcacag atggacagca gctctaccag 900
atccagcaag tcaccatgcc tgcgggccag gacctcgccc agcccatggt catccagtca 960
gcccaaccagc cctccgacgg caaggccccc caggtgaccg gcgactga 1008

<210> 332
<211> 298
<212> DNA
<213> mammalian

<220>
<221> misc_feature
<222> ()..()
<223> "n" is an unknown nucleotide

<400> 332
agtgatttaa tacgactcac tatagggtt ttttttttta gggttnggct ttttattgac 60
acaaacacac aaaggcagct gnggtaatgg gngngngggg tacacaaaag canaaatcgc 120
acttcacaca tttaggctc atttanacaa tgaggaggct gagcctgtcc ctccacctcc 180
cattgcaang gttggggcaa tanccctccc taatcctagc tcagnagta naggagtgta 240
cctccctacc caggaagtcc ccattttggt tgcaanggnc tcctgtgtga aattgtta 298

<210> 333
 <211> 286
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 333
 cccgggcatc agccccgagg aatgcgcctc tcggaagtgc tgcttctcca acttcatctt 60
 tgaagtgccc tgggtgcttct tcccgaagtc tgtggaagac tgccattact aagagaggct 120
 ggttcagag gatgcatctg gtcaccggg tgttcgaac caaagaagaa acttcgcntt 180
 atnagcttca tatttcatga aatcctgggt tttcttaacc atcttttctt cattttcaat 240
 ggtttaacat ataatttctt taaataaaac tcttaaaatc tgctaa 286

<210> 334
 <211> 442
 <212> DNA
 <213> mammalian

<220>
 <221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 334
 ggtccaaggt ggattcaaac gaactgtggc tgcaccatct gtcttcatct tcccgccatc 60
 tgatgagcag ttgaaatctg gaactgcctc tgttggtgtgc ctgctgaata acttctatcc 120
 cagagaggcc aaagtacagt ggaagggtga taacgcctc caatcgggta actcccagga 180
 gagtgtcaca gagcaggaca gcaaggacag cacctacagc ctcagcagca cctgacgct 240
 tgagcaaagc agactacgag aaacacaaag tctacgcctg cgaagtcacc catcagggcc 300
 tgagctcgcc cgtcacaaag agcttcaaca ggggagagtg ttagagggag aagtgcccc 360
 acctgtcct cagttccagc ctgacccctt nccatccttt ggctctgac cttttttcca 420
 caggggacct acccctattg cg 442

<210> 335
 <211> 353
 <212> DNA
 <213> mammalian

<220>

<221> misc_feature
 <222> ()..()
 <223> "n" is an unknown nucleotide

<400> 335
 gagcnggcgc agtgattata ggctttcgct ctaagattaa aaatgcccta gccacttct 60
 taccacaagg cacacctaca ccccttatcc ccatactagt tattatcgaa accatcagcc 120
 tactcattca accaatagcc ctggccgtac gcctaaccgc taacattact gcaggccacc 180
 tactcatgca cctaattgga agcgcaccct agcaatatca accattaacc ttccctctac 240
 acttatcatc ttcacaattc tgattctact gactatccta gaaatcgctg tcgcttaatc 300
 caagcctacg ttttcacact tctagtaagc ctctacctgc acgacaacac ata 353

<210> 336
 <211> 396
 <212> DNA
 <213> mammalian

<400> 336
 cttcggtttt agtcattcct atctcaatct taatgggtgat tcttctctgt tgaactgaag 60
 tttgtgagag tagttttcct ttgctacttg aatagcaata aaagcgtgtt aactttttga 120
 ttgatgaaag aagtacaaaa agccttttagc cttgaggtgc cttctgaaat taaccaaatt 180
 tcatccatat atcctctttt ataaacttat agaatgtcaa actttgcctt caactgtttt 240
 tatttctagt ctcttccact ttaaaacaaa atgaacactg cttgtcttct tccattgacc 300
 atttagtggt gagtactgta tgtgttttgt taattctata aaggatatctg ttagatatta 360
 aagggtgagaa ttagggcagg ttaatcaaaa aaaaaa 396

<210> 337
 <211> 279
 <212> DNA
 <213> mammalian

<400> 337
 gtattgaaca aaagacggaa ggtgctgaga aaaaacagca gatgggctcg agaatacaga 60
 gagaaaattg agacggagct aagagatata tcgcaatgat gtactgtctc ttttggaana 120
 gttcttgatc cccaatgctt cacaagcaga gagcaaagtc ttctatttga aaatgaaagg 180
 agattctacc gttacttggc tgaggttgcc gctggtgatg acaagaaagg gattgtcgat 240
 cagtcacaac aagcatacca agaagctttt gaaatcagc 279

<210> 338
 <211> 749

<212> DNA
<213> mammalian

<400> 338
agccaacaga gattgttgat ttgcctctta agcaagagat tcattgcagc tcagcatggc 60
tcagaccagc tcatacttca tgctgatctc ctgcctgatg tttctgtctc agagccaagg 120
ccaagaggcc cagacagagt tgccccaggc ccggatcagc tgcccagaag gcaccaatgc 180
ctatcgctcc tactgctact actttaatga agaccgtgag acctggggtg atgcagatct 240
ctattgccag aacatgaatt cgggcaacct ggtgtctgtg ctcaccagg ccgaggggtgc 300
ctttgtggcc tcactgatta aggagagtgg cactgatgac ttcaatgtct ggattggcct 360
ccatgacccc aaaaagaacc gccgctggca ctggagcagt gggtccttg tctcctacaa 420
gtcctggggc attggagccc caagcagtgt taatcctggc tactgtgtga gcctgacctc 480
aagcacagga ttccagaaat ggaaggatgt gccttgtaga gacaagttct cctttgtctg 540
caagttcaaa aactagaggc agctggaaaa tacatgtcta gaactgatcc agcaattaca 600
acggagtcaa aaattaaacc ggaccatctc tccaactcaa ctcaacctgg acactctctt 660
ctctgctgag tttgccttgt taatcttcaa tagttttacc taccacagtc tttggaacct 720
taaataataa aaataaacat gtttcact 749